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STATE DOCUMENTS

Montana Farm Review

1927

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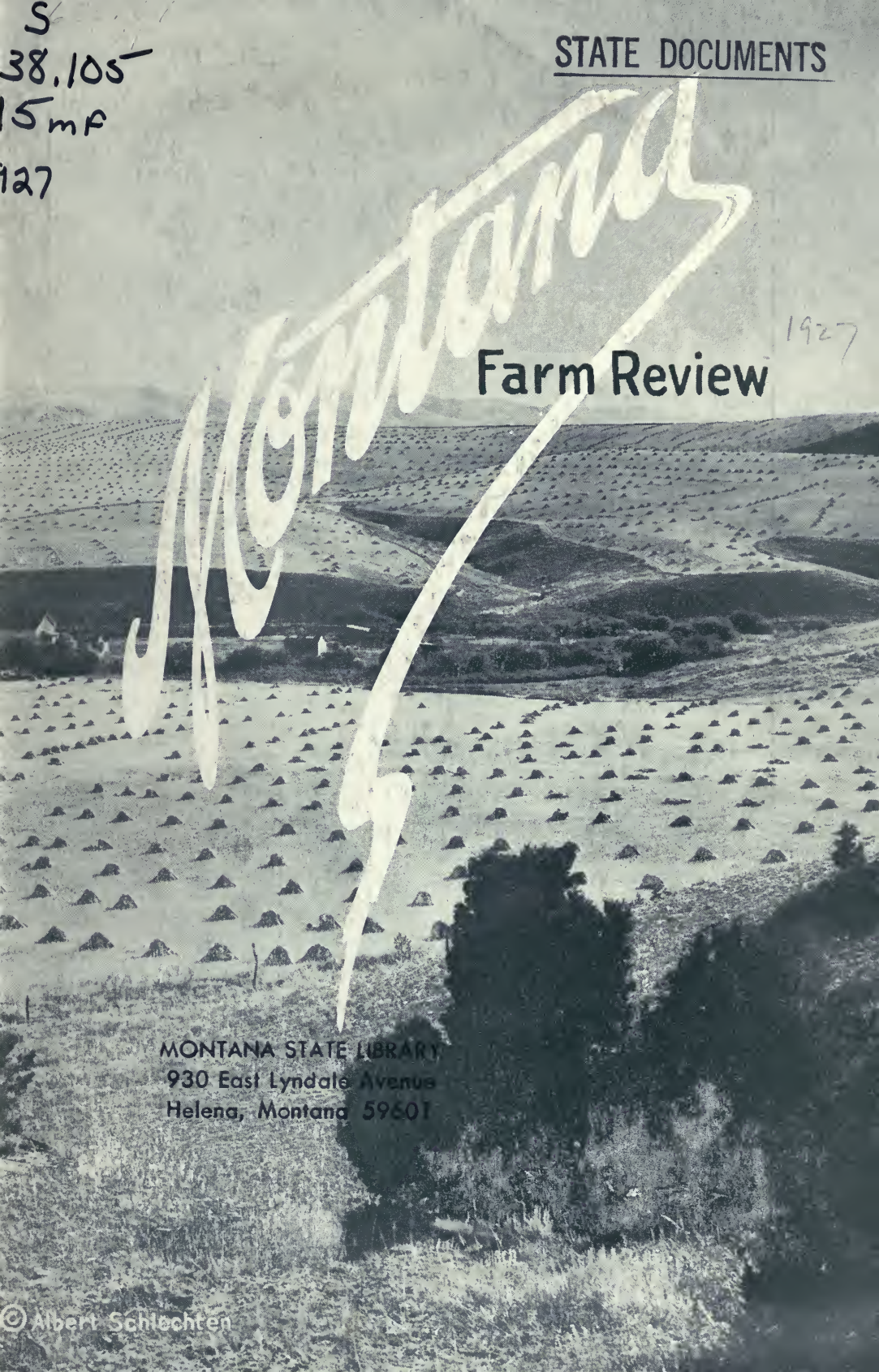

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MONTANA'S BIG CROP YEAR, WITH COMPARISONS

CROP		YIELD PER ACRE			PRODUCTION		
		Largest Previous	Year of Largest Previous	1927	Largest Previous	Year of Largest Previous	1927
					000 omitted		000 omitted
ALL WHEAT	(bu.)	32.5	1897	20.8	51,799	1924	79,702
ALL HAY	(tons)	1.83	1914	1.73	2,756	1923	3,701
OATS	(bu.)	52.0	1915	40.0	31,200	1915	23,840
CORN	(bu.)	36.6	1882	23.5	9,490	1923	7,168
BARLEY	(bu.)	40.2	1903	33.0	3,600	1926	6,435
POTATOES	(bu.)	176	1903	135	5,670	1922	5,400
FLAX	(bu.)	14.0	1903	10.2	5,520	1912	2,438
RYE	(bu.)	26.7	1901	18.0	3,360	1922	2,412
BEANS	(bu.)	18.0	1913	17.0	462	1925	935
SUGAR BEETS	(tons)	*	.....	11.4	348	1926	346
APPLES	(bu.)	†	.....	.....	1,044	1917	277
CANNING PEAS	(cases)	*	.....	.....	332	1925	294
ALFALFA SEED	(bu.)	*	.....	1.8	78	1925	20
CLOVER SEED	(bu.)	*	.....	5.0	18	1926	25
SEED PEAS	(bu.)	*	.....	21.0	560	1925	294

* Definite records not available for enough years for comparison.
† Not estimated by acres.

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MONTANA

1927 FARM REVIEW EDITION

By

The State-Federal Crop Reporting Service
JAY G. DIAMOND, Agricultural Statistician
and RICHARD C. ROSS, Assistant Agricultural Statistician

U. S. Bureau of Agricultural Economics

L. S. TENNY, Chief
Co-operating with the Department of

Agriculture, Labor and Industry

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HELENA, MONTANA

FOREWORD

The 1927 Farm Review marks the sixth edition of this annual summary of crop and livestock estimates with comparative data compiled by the State and Federal Crop Reporting Staff.

From these Reviews it is hoped that those people who are interested in the yearly agricultural progress of the state may obtain useful basic material.

These annual Reviews are made available to Montana producers by reason of the cooperation between the Federal Bureau of Agricultural Economics and the Publicity Division of the State Department of Agriculture, under which agreement all the Federal crop and livestock reporting work of the state is conducted.

The Farm Review is deeply indebted to Dr. W. J. Butler, State Veterinarian, E. A. Phillips, Secretary of the State Livestock Commission, and to the State Railroad Commission, the State Board of Equalization, the office of the State Bank Examiner and the State Land Office for much valuable statistical information relating to Montana Agriculture. Members of the State Extension Service, especially the County Agents, have contributed much valuable information.

For the basic data upon which the estimates are made the crop reporting service is indebted to upwards of 3,000 Montana farmers and stockmen whose loyal cooperation in reporting work has made possible considerable improvement in estimates and forecasts in recent years.

The bulk of the text of the present bulletin was prepared by Richard C. Ross, Assistant Agricultural Statistician for Montana. All of the graphs were prepared by the Office of the State Engineer without cost to the publication. County computations were made by Robert Sharples and Mildred R. Cossey. The cover was suggested by Ray Bowden, Publicity Director of the State College.

JAY G. DIAMOND,
Agricultural Statistician.

Helena, Montana
March, 1928.

GENERAL REVIEW

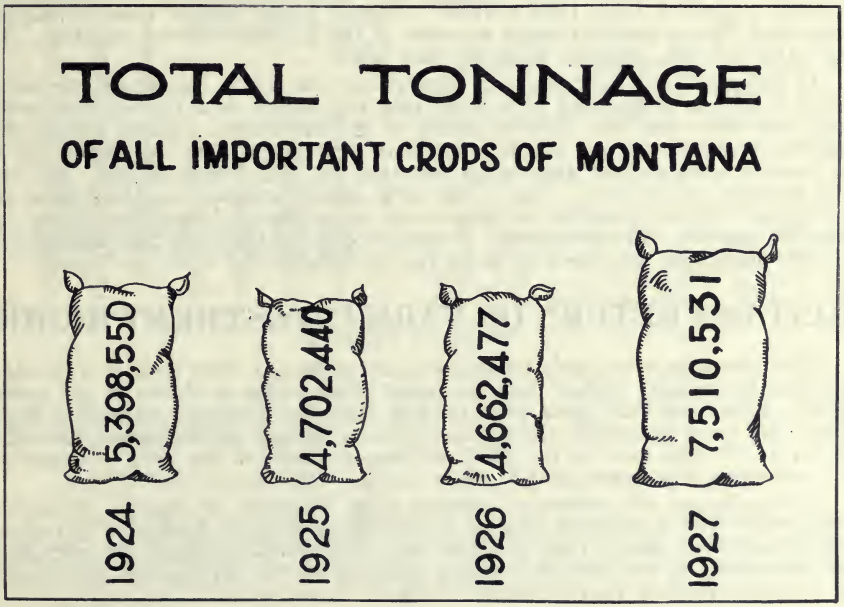
Montana farmers broke all their previous records for crop production in 1927 when, with numbers equal to less than one per cent of the nation's farm population, they cultivated a little over two per cent of the nation's total crop acreage to produce 1.8 per cent of the total crop value of the United States. Over nine per cent of the nation's wheat, the most important single item of cash income for the Montana farmer, was produced in this state. Increased gross production of crops was noted in all counties in the state, but total value of crops in a few sections was slightly less than in 1926, due to lower prices.

In contrast with 1926, there was no section of the state which experienced crop failure. The apple crop was considerably lighter than usual and certain other minor crops as alfalfa seed and clover seed suffered decreases in production, but the state as a whole record the best agricultural year in its history to date.

AGGREGATE PRODUCTION LARGER IN 1927

The estimated aggregate crop production of all crops for 1927 season was the greatest the state has ever known, exceeding the tonnage of the previous record crop of 1924 by nearly forty per cent. The total crop production for 1927 was over sixty per cent greater than that of the 1926 crop and a little over sixty per cent greater than that of the 1925 crop.

Conditions favorable for major crop yields were very uniform over the state, as contrasted with 1926 when the east central and southeastern counties suffered



a varying amount of yield damage by a general early summer drouth in that area. Some of the minor crops did not fare so well. Apples, due largely to unfavorable weather conditions in the spring, produced only about half a normal crop and the production of alfalfa seed was spotted throughout the state, because of a late spring and injurious local rains that damaged the crop in many areas.

GROWING SEASON GOOD IN 1927

In spite of a continued lateness of the growing season progress of most crops throughout the whole season proved to be the best in years. The reason for this lay in the excellent moisture supplies that characterized the entire growth period. Such late crops as did not mature at usual dates also were favored by very favorable weather for maturity that came at the end of the season.

The spring was a "slow" one. Temperatures were below normal until June. Precipitation while below normal part of the time, was very evenly distributed over the whole state and because of the lower temperatures was sufficient to maintain the supply of reserve soil moisture. There was, furthermore, a supply of soil moisture that had penetrated to great depth before freezing in the previous fall which started the new crop under the best moisture conditions in years. Plant growth was retarded until late May or early June in nearly all parts of the state, but progressed rapidly from that time on. In fact, the fine growing weather in June and the favorable soil moisture reserves encouraged the farmers to plant the largest acreage in total crops that the state has ever known. At the time prospects appeared good for all crops except those which need the full growing season in Montana to come to maturity, in particular, sugar beets, corn, and beans.

Weather during the remainder of the growing season continued in the favorable trend that was observed in June. Temperatures continued generally slightly below normal and precipitation averaged above normal, coming in well distributed general showers and light rains. Hail damage occurred in local areas but was not unusually severe in any large sections of the state. Absence of hot wind damage carried the grain crops through the critical period of July in excellent shape.

By the first of August most crops had somewhat overcome the late start. Winter wheat and rye were from ten days to two weeks later than usual in ripening, but the bulk of the spring grain acreage appeared to be approaching maturity not much later than normal. August frosts caused some damage to wheat and flax in isolated areas in some of the northern border counties. The total effect of this damage, however, was small.

In spite of local light showers throughout practically the whole harvesting season threshing progressed at a rapid rate and except in a few sections where crops were very late was finished ahead of the fall snows. . Killing frosts were reported in different parts of the state from September 15 to September 25, but the temperatures did not stay below freezing for any length of time and very little damage was done to crops. The long Indian summer resulting from this holding off of cold weather allowed corn, sugar beets, beans, and much late wheat to mature. The percentage of mature corn in the state was about normal. The bean crop developed to be by far the largest the state has known.

MONTANA RETURN ON FARM INVESTMENT HIGHER

That Montana wheat farmers enjoy a rate of income from their investment in land that is probably higher than for many other states is shown in the accompanying table. In 1927, good plow land in Montana that was planted to spring wheat, the most important single item of farm income in the state, returned to the farmer 71 per cent on the 1925* estimated value of the land. Comparison with other states is shown in the table.

These figures are estimates derived from averages of reports of farmers themselves. The land value, that of good plow land in all instances, is reported in March of each year. Yield per acre data is the final estimate for each state. The price used is the price per bushel received by the farmers on December 1. Land value estimates are for March 1, 1925.*

PERCENTAGE INCOME FROM FARM INVESTMENT

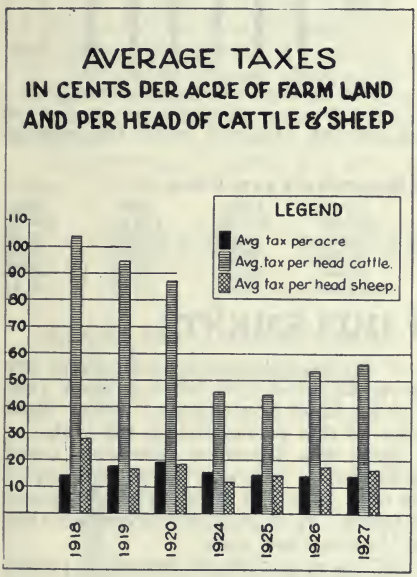
STATE	Value of Good Plow Land	Acre Value of Spring Wheat	Percentage of Value Returned by 1927 Crop
Montana	$28.00	$19.98	71.4%
North Dakota	37.00	13.21	35.7
South Dakota	68.00	15.69	23.1
Washington	102.00	21.80	21.4
Iowa	162.00	17.82	11.0
Illinois	153.00	21.06	13.8

* 1925 Values used for reason that comparable data on land values was not available for all states compared here for either 1926 or 1927.

PRODUCTION TRENDS UPWARD IN 1927: PRICE TRENDS DOWN

Accompanying the large increase in crop production in 1927, the trend of prices was steadily downward through the season for practically all of the crops grown in Montana. In fact, prices for most of the crops this past season averaged lower than in any year in the four year period of 1924 to 1927. The compensating factor for the farmer this year was chiefly the higher yields per acre that increased the value per acre for most crops above that of other years when prices were much higher, but lower yields were harvested.

TREND OF TAXES



Data from the State Board of Equalization shows the trend of taxes per acre of all farm lands in Montana continuing downward in 1927. Since 1924 the general trend of taxes per head of cattle and of sheep has been upward but while the average tax per head for 1927 was higher than last year for cattle, it was lower for sheep.

Comparison of the taxes per acre on farm lands, as shown in this table, with the table of land values as estimated by crop reporters indicates that tax values have decreased almost proportionately to the decrease in land values.

It is interesting to note that taxes on land are slightly less than in the war year of 1918, while the 1927 taxes on cattle and sheep were only a little more than half what they were in 1918.

TREND OF TAXES

	1918	1919	1920	1924	1925	1926	1927
	Cents	Cents	Cents	Cents	Cents	Cents	Cents
Average Tax per Acre Farm Land	14.5	18.0	19.3	15.4	14.5	14.1	14.0
Average Tax per Head Cattle	104.0	94.8	87.1	45.5	44.5	53.6	56.2
Average Tax per Head Sheep	28.3	16.7	18.6	11.9	14.3	17.6	16.2

AVERAGE ASSESSED VALUATION OF MONTANA LANDS

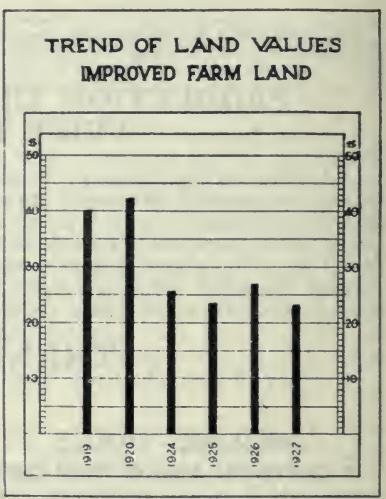
A decrease in the average assessed valuation of all classes of Montana lands except dry lands was noted in 1927. This difference probably reflects the 1926 drouth situation over much of the state. Comparison of the assessed valuation by years for irrigated land, dry land, grazing land, and all land is shown in the accompanying table.

AVERAGE ASSESSED VALUATION OF MONTANA LANDS

	1923	1924	1925	1926	1927
Irrigated Land	$51.15	$52.37	$50.95	$50.80	$48.90
Dry Land	13.47	13.97	13.44	12.90	13.20
Grazing Lands	6.08	5.39	4.96	4.80	4.70
All Agricultural Lands			9.59	9.30	9.10

TREND OF LAND VALUES

Reports of March 1, 1927, show that Montana land values had dropped even lower than the 1925 values, which were the lowest since 1918. The low valuation of March 1 reflects the absence in the land situation in Montana as yet of any strong outside inquiry for farm lands. While some increase in land values may be expected to follow the general trend of better crops during the past five years and some improvement in local demand is noted, such demand as yet has not been sufficient to meet the heavy offerings of land on part of those who acquired Montana farms during the early part of the depression period. Most observers of the farm land situation believe that present values are very low in comparison with what the land is worth under present conditions. This however is a healthy condition in that Montana can offer the new settler an opportunity to buy good farm lands at a relatively low price compared with earning capacity under the present condition of agriculture generally.



MARCH 1 VALUE PER ACRE OF MONTANA FARM LAND

	1919	1920	1924	1925	1926	1927
Good Plow Land	$45.30	$50.50	$30.00	$27.90	$29.60	$26.50
Poor Plow Land	20.00	21.80	12.50	13.00	13.50	12.30
All Plow Land	33.50	36.00	21.50	18.50	22.50	19.70
All Farm Land (Improved)	40.00	42.20	25.50	23.50	27.00	23.30
All Farm Land (Unimproved)	32.50	35.50	19.00	15.00	19.00	16.51

IMPORTS OF FARM IMPLEMENTS

Although no complete records of sales of farm implements in Montana are available, reports of railroads to the Montana Railroad Commission show considerable increase in 1927 in the shipments of all farm implements. From these records one can judge roughly the trend of sales of this commodity in the state.

The table shows that from 1919 to 1925 there was a decided downward trend in farm implement shipments. The data indicates a reversal of this trend in 1926, however, when shipments increased over both 1925 and 1924. The shipments for 1927 show a continuation of this upward trend. It is generally expected that sales of farm implements in 1928 will exceed those of last year.

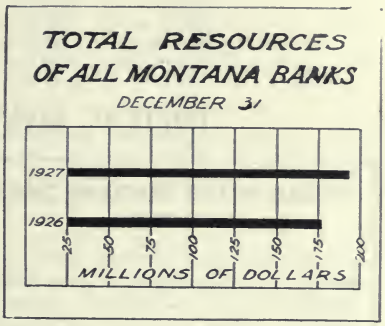
Increased sales of farm implements in 1927 were mainly of certain types of machinery. Sales of combine-threshers were increased heavily over all previous years. There was also an increase in sales of tractors and of field cultivators. Estimates of State College officials place the number of tractors sold in Montana in 1927 at about 3,500, the number of combines sold at over 900 and the number of duckfoot cultivators sold at over 2,300. These figures are taken to mean a considerable increase over sales of this item in 1926 for which data is less complete.

IMPORTS OF FARM IMPLEMENTS IN 1927

Year	Cars
1919	671
1920	542
1924	249
1925	196
1926	271
1927	328

BANK DEPOSITS 1927

Reports from Montana's banks on December 31, 1927, showed that total resources of banks in the state were $193,127,975, an increase of about $17,000,000 over the previous year, and that total deposits in the state were $171,232,374 as compared with $150,969,000 on December 31, 1926, and with $114,135,768 in 1925. In a state like Montana where a good share of total banking transactions are contributed in some manner by agriculture this higher physical condition of banks may be assumed to reflect better financial condition of the agricultural interests of the state.



There were 205 banks in the state at the end of 1927, including 132 state, 71 national, and two private banks. At the end of the previous year, there were 137 state banks and of the five banks which went out of business during the year there was only one failure. One bank underwent voluntary liquidation, paying 100 per cent dividends at once and the other three were consolidated into other banks. In 1920 there were 288 state banks and 142 private banks in the state.

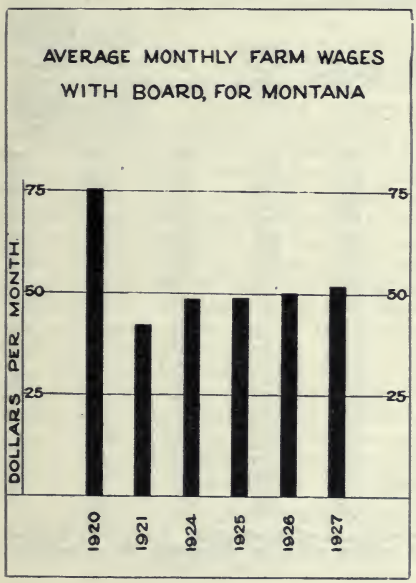
Population per bank has increased steadily since the war deflation period until in 1927 each bank in the state served an average of 2,663 persons, compared with 2,177 in 1926, and 1,276 in 1920.

Total deposits on December 31, last year include $106,150,303 in demand deposits and $65,032,070 in time and savings deposits.

Total deposits per capita average over $313, for every person in the state, compared with $272 at the beginning of 1926 and $279 at the beginning of 1927. Per capita demand deposits are $194 and per capita time and savings deposits are $119.

The average deposits per bank among the national banks are $1,237,225 and among the state and private banks $622,308. The average for all banks is $835,279.

TREND OF FARM LABOR WAGES



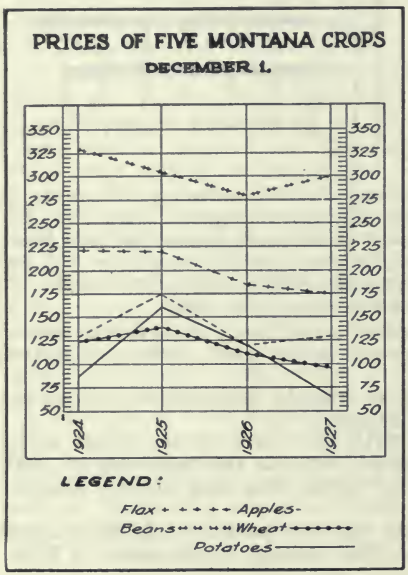
The average wages paid to farm laborers for 1927 reached the highest levels they have touched since the peak year of 1920. Since the decided drop, immediately following that year, the trend has been slowly upward. In October, 1927, the average wage per month, with board, paid to the Montana farm laborer was $60.25. This figure compares with $52.50, the wage paid in October, 1926, and $56.50, the wage paid in October, 1925. The average monthly wage for October this year, with board, for the eleven western states was $56.39 and for the United States was $35.68. Farm wages are ordinarily higher in Montana than in most other parts of the country.

Crop correspondents throughout the state report average farm wages for their communities quarterly, in January, April, July, and October and from these reports are computed the state averages.

AVERAGE WAGE PAID MONTANA FARM LABOR

	Wage By The Month		Wages By The Day	
	With Board	Without Board	With Board	Without Board
1920	$75.40	$105.00	$5.20	$6.20
1921	42.10	63.00	2.92	3.65
1924	48.70	69.10	2.50	3.60
1925	49.10	69.30	2.70	3.52
1926	50.10	70.60	2.75	3.50
1927	52.10	72.70	2.83	3.71

PRICE MOVEMENTS IN 1927



It is important for the farmer to know the trends of the prices of both agricultural products and non-agricultural products, because he must exchange a large portion of his production for non-agricultural products. High prices for farm products are discounted if prices for the non-agricultural products, or those things that the farmer buys, are relatively higher. Following the close of the war, when the drop in prices came, it was the farmer's products which suffered the greatest decreases. This was unfortunate for the farmer, for though he was still getting higher prices for his products than before the war he had to pay relatively more for the things he bought than he received for the things he was selling.

For several years there has been a slow improvement in this situation. During 1927 the purchasing power of the farm dollar for the nation as a whole has increased from 81 in January to a high point of 92 in September and October and to 91 for November and December.

INDEX NUMBERS OF FARM PRICES AND WHOLESALE PRICES OF NON-AGRICULTURAL COMMODITIES

Index numbers of farm prices (August, 1909-July, 1914=100)

Year and Month	Grains	Fruits and Vegetables	Meat Animals	Dairy Products (1)	Poultry Products (2)	Cotton and Cotton Seed	All Groups	Index of Non-Agricultural prices	Relative Purchasing Power of Farm Products
1919	231	189	206	173	206	247	209	199	105
1920	231	249	173	188	222	248	205	241	85
1921	112	148	108	148	161	101	116	167	69
1922	105	152	113	134	139	156	124	168	74
1923	114	136	106	148	145	216	135	171	79
1924	129	124	109	134	147	211	134	162	83
1925	156	160	139	137	161	177	147	165	89
1926	129	189	146	136	156	122	136	161	85
November	121	142	142	141	202	88	130	161	80
December	120	137	140	144	212	81	127	158	80
1927									
January	120	140	140	144	173	85	126	156	81
February	122	142	143	143	145	94	127	155	82
March	121	140	144	139	115	102	126	153	82
April	119	147	143	140	114	101	125	151	83
May	127	158	137	136	112	113	126	150	84
June	140	201	129	132	102	119	130	150	86
July	139	195	131	130	112	125	130	151	87
August	138	172	136	129	122	136	132	151	88
September	134	145	142	135	143	179	140	152	92
October	128	138	145	139	167	169	139	151	92
November	120	*136	141	141	189	162	*137	151	91
December	123	141	138	145	195	153	137	151	91

(1) Prices of milk and farm butter. Source: U. S. Department of Agriculture, Crops and Markets
(2) Prices of chickens and eggs. Index of dairy and poultry products—December 158; November, 153; and December, 1926, 161. * Revised.

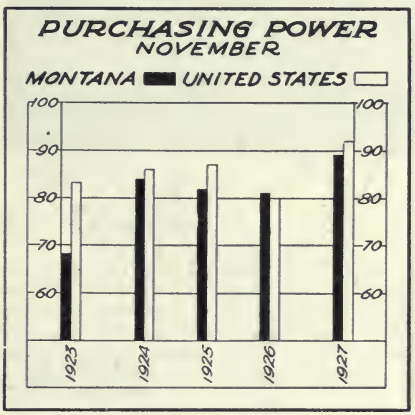
The method of determining the comparison between prices for farm products and non-agricultural products uses index numbers. In computing the farm price index number of an item, the average farm price of the years 1909 to 1913, is taken as a base, or 100 per cent, and is divided by the farm price for any month, or the average for any year to obtain the price index of that month or year.

The purchasing power is obtained by dividing the index of agricultural prices by the index of non-agricultural prices.

In the accompanying table it will be noted that the average price index of all agricultural commodities, after some fluctuations during the early spring months, mounted steadily from 126 in January to the high point of 140 in September, with a final index of 137 for December. This is in contrast with the index of non-agricultural products which, beginning with 156 in January, dropped steadily to 151 at the end of the year.

The table shows that the level of cotton prices was raised decidedly during the year, that fruit prices remained practically unchanged, that meat prices stayed at about the same levels (though prices for beef were considerably higher than 1926,) that grains showed a slight increase over last year, and that other commodities remained at about the same levels.

MONTANA PURCHASING POWER



The relative November purchasing power of the Montana farm dollar increased from eighty-one per cent in 1926 to eighty-nine per cent in 1927, but did not keep pace with the United States purchasing power, which increased from eighty per cent in 1926 to ninety-two per cent in 1927. Both purchasing powers were computed as of date November 1 of each year.

This purchasing power of eighty-nine indicates that one dollar on November 1, 1927 was equal in buying power of manufactured commodities to the buying power of eighty-nine cents for the average of the years 1909 to 1914. The purchasing power of the United States farm dollar is obtained by dividing the price index of thirty of the most important farm commodities by the index of wholesale prices of non-agricultural products. That for Montana is obtained by weighting the United States purchasing powers according to the relative importance of the groups in Montana.

That the purchasing power of the Montana farm dollar should fail to gain in proportion with that of the United states in the year of the biggest crop in Montana history may seem strange. However, it must be noted that cotton, which has the highest purchasing power of any of the agricultural commodities for the United States must be omitted in weighting the Montana purchasing power. Last year the purchasing power of cotton was low, raising the purchasing power of the Montana farm dollar compared with the national average. It will be noted that though the farm dollar in Montana now is not worth as much as is the United States farm dollar, the Montana dollar is now worth more than during four previous years.

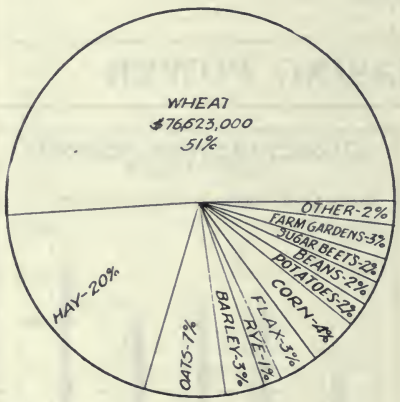
The prices received for grains, from which Montana receives 54 per cent of her farm income, were much lower in 1927 than in 1926 and while prices of cattle and other meat animals were higher than the previous year, shipments to market were lower than in 1926, failing to offset the loss in case of the grains. The other commodity groups used in computing the purchasing power constitute only 18 per cent of the total income value of the state for the past year.

NOVEMBER PURCHASING POWER IN CENTS

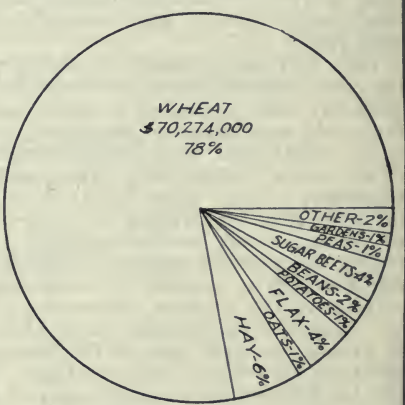
ALL GROUPS	1923	1924	1925	1926	1927
Montana	68	84	82	81	89
United States	83	86	87	80	92

GROUP	Purchasing Power U. S. Average November					Montana Weights (Percentage of Montana Farm income from each item.)				
	1923	1924	1925	1926	1927	1923	1924	1925	1926	1927
Grains	68	92	83	75	84	40	53	37	39	54
Meat Animals	61	72	82	88	96	34	26	37	38	28
Dairy & Poultry	102	94	98	97	97	11	9	11	11	10
Fruit & Vegetable	70	67	117	88	91	3	2	3	2	1
Cotton	238	179	87	59	112	0	0	0	0	0
Unclassified	59	66	57	60	55	12	10	12	10	7

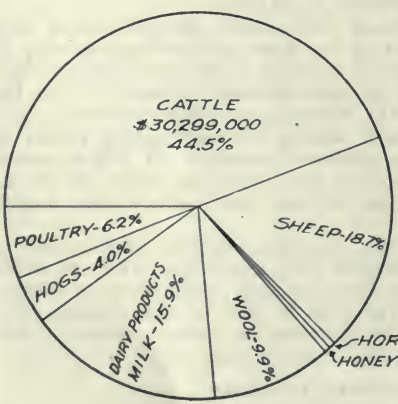
DISTRIBUTION OF CROP AND LIVESTOCK VALUES FOR 1927



TOTAL CROP VALUES DECEMBER 1, 1927



VALUE OF CROPS MARKETED 1927



VALUE OF LIVESTOCK AND OF LIVESTOCK PRODUCTS MARKETED 1927

FARM INCOME 1927

Total value of crop and livestock sales from 1927 production is estimated to be nearly 20 per cent greater than 1926. The estimated total cash value of farm income for 1927 is $156,812,000. The revised estimate for last year is $131,522,000, which up to that year was a record for farm income value in the state. The total farm income in 1925 was $123,732,000 and in 1924 $124,474,000.

The largest increases in total income for 1927 occurred in crop items, due to unusually large production. Total income from these sources was over 50 per cent greater than 1926 and several million dollars greater than for any year since 1922. In spite of unusually high prices for cattle and better than average prices for most other classes of livestock, income from livestock sources was nearly ten per cent less than last year, but larger than any other year since 1922.

Estimates of total farm income were first made in 1923, but judging from all available information, it is not believed that income for any previous year exceeded that of 1924.

HOW THE ESTIMATES ARE MADE

The estimates of farm income, which are made by the statistical division of the State Division of Publicity, are based on the official estimates of crop production and the prices received by producers on December 1 as applied to that portion of each crop which is actually sold for cash. It has been found that while these estimates are not entirely accurate they are comparable from year to year and form a very good basis of comparison to show the relative changes that occur from year to year in total farm income.

The estimates of total crop production have proven to be relatively accurate in estimating the actual total production of crops. While an attempt is made to estimate the percentage of the crop that is actually sold for cash from market receipts, records of railroad shipments and other data, it is difficult to estimate the amounts of the crops that are sold and traded locally.

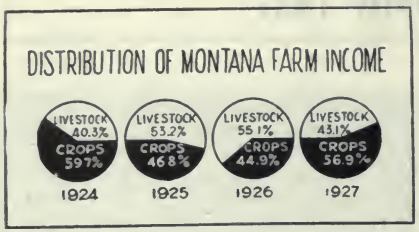
The prices received on December 1 are not averages for the whole season for any year, but it has been found that the prices on this date are better than those of any other single date in approaching the actual average price. Again, these prices are comparable and valuable to showing price trends from year to year.

Duplication of value for crops that are fed to livestock and later marketed as livestock products is eliminated by estimating the proportion of each crop that is actually sold for cash.

ESTIMATES OF FARM INCOME BY YEARS

	Income from Crop Sources	Income from Livestock Sources	Total Income
1923	$46,784,000	$50,872,000	$ 97,656,000
1924	74,343,000	50,131,000	124,474,000
1925	57,877,000	65,855,000	123,732,000
1926 (Revised)	58,171,000	73,351,000	131,522,000
1927 (Preliminary estimates)	89,763,000	67,049,000	156,812,000

ANALYSIS OF INCOME SOURCES



Sales from the 1927 crop constituted over half, or 56.9 per cent of the total farm income for the year. In other words, of every dollar received by Montana farmers from crop and livestock sales in 1927 over half, or 57 cents, was derived from crop sources. This is unusual for Montana. In fact, insofar as records are available this is the second time that crop sales have assumed greater importance than livestock sales in Montana. In 1924 the income from crop sources represented 59.7 per cent of the total farm income.

Such a condition was to be expected for 1927. Crop production for all crops taken together was by far the largest in the history of the state. Even with prices below the level of 1926 the total value of the crop was greater than for any previous year. In contrast, following the heavy selling, due to drouth and shortage of feed a year ago, shipments of livestock in 1927 were much reduced. Prices that averaged well above those of last year did not bring the total value of livestock sales up to the level of last year.

Relative trends of livestock and crop sales values are shown in the accompanying graph.

SOURCES OF FARM INCOME

Wheat, the most important single source of cash income to Montana farmers, is expected to return to the state nearly 45 per cent of the total cash farm income for 1927. The estimated cash value of the crop this year is $70,274,000, as compared with an estimated cash value of $40,985,000 last year, $39,904,000 in 1925, and $55,879,000 in 1924. The wheat crop this past year represents close to 78 per cent of the total cash crop value of the state.

The second highest farm income factor for 1927 was cattle, the estimated sales value of which is $29,299,000. The cash value of cattle sold in 1926 was $31,185,000.

VALUE OF CROPS PRODUCED AND VALUE OF LIVESTOCK MARKETED IN 1926 AND 1927

	1926		1927	
FROM CROPS	Total Value	Sales	Total Value	Sales
All Wheat	$ 50,123,000	$40,985,000	$ 76,623,000	$70,274,000
All Hay	24,644,000	6,150,000	30,192,000	5,150,000
Oats	8,833,000	550,000	10,490,000	622,000
Barley	2,304,000	126,000	3,861,000	221,000
Rye	963,000	135,000	1,761,000	270,000
Flax	1,282,000	1,115,000	4,266,000	4,004,000
Corn	3,633,000	184,000	5,161,000	259,000
Potatoes	3,570,000	1,168,000	3,510,000	798,000
Apples	390,000	316,000	360,000	291,000
Miscel. Fruits	51,000	28,000	57,000	32,000
Beans	1,204,000	910,000	2,805,000	2,155,000
Sugar Beets	2,815,000	2,815,000	2,941,000	2,941,000
Truck Crops	387,000	371,000	445,000	425,000
Canning Peas	822,000	622,000	557,000	557,000
Alfalfa Seed	837,000	715,000	260,000	234,000
Clover Seed	400,000	210,000	375,000	180,000
Seed Peas	1,080,000	865,000	617,000	550,000
Farm Gardens	3,800,000	706,000	4,700,000	800,000
Other Crops	50,000	.....	50,000	.....
Total	$107,188,000	$58,171,000	$149,031,000	$89,763,000

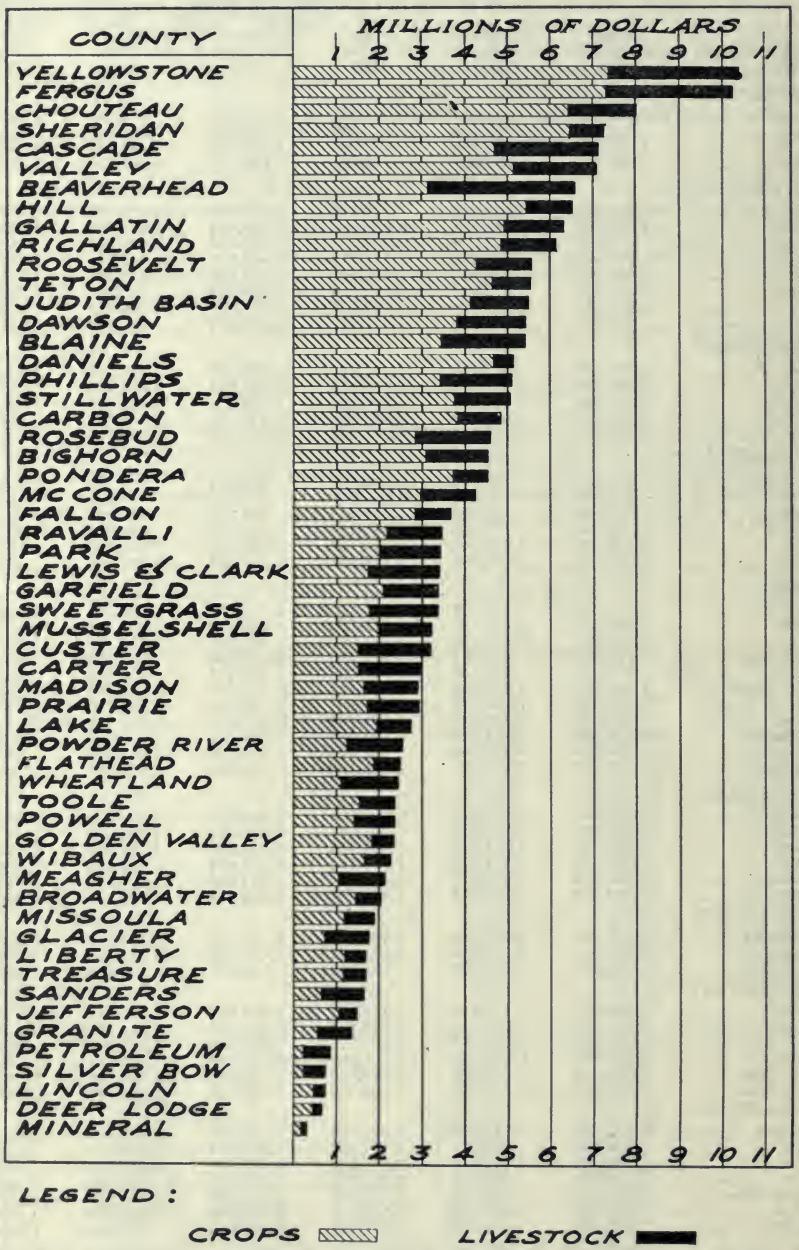
FARM LIVESTOCK	Sales 1926	Sales 1927
Cattle	$31,185,000	$29,299,000
Sheep and Lambs	14,590,000	12,725,000
Wool	8,855,000	6,761,000
Milk and Dairy Products	10,028,000	10,807,000
Hogs	3,896,000	2,734,000
Poultry	4,221,000	4,188,000
Horses	265,000	267,000
Honey and Wax	311,000	268,000
Total	$73,351,000	$67,049,000

COUNTY TABLE OF VALUE OF CROPS AND VALUE OF LIVESTOCK PRODUCTS SOLD 1926-1927

It will be noted that in the following table estimates of county income are for the total cash value of crops and for sales value of livestock actually marketed during the year. In using this basis it is assumed that that portion of the crops that is not actually sold is fed to livestock, used for seed or other farm purposes, thus constituting a market for the product, while no income is derived from livestock other than those sold on the markets.

DISTRICT AND COUNTY	Crops Produced 1926	Livestock Marketed 1926	Total Value 1926	Crops Produced 1927	Livestock Marketed 1927	Total Value 1927
NORTHWESTERN						
Flathead	$ 1,560,455	$ 694,200	$ 2,254,655	$ 1,873,775	$ 634,500	$ 2,508,275
Lincoln	365,950	272,400	638,350	472,555	249,000	721,555
Lake	1,616,555	860,300	2,476,855	1,957,988	786,300	2,744,288
Sanders	627,294	1,092,400	1,719,694	659,712	998,500	1,658,212
NORTH CENTRAL						
Blaine	2,357,309	2,162,000	4,519,309	3,452,801	1,976,100	5,428,901
Chouteau	4,354,986	1,734,100	6,089,086	6,430,422	1,585,000	8,015,422
Glacier	401,945	1,125,000	1,527,745	734,740	1,029,000	1,763,740
Hill	2,298,810	1,148,200	3,447,010	5,464,725	1,049,500	6,514,225
Liberty	653,919	528,600	1,182,519	1,218,665	483,200	1,701,865
Pondera	3,321,114	879,100	4,200,214	3,724,055	803,500	4,527,555
Teton	4,402,441	1,006,700	4,409,141	4,632,625	920,200	5,552,825
Toole	771,050	920,600	1,691,650	1,540,030	841,500	2,381,530
NORTHEASTERN						
Daniels	3,919,485	501,700	4,421,185	4,683,895	458,500	5,142,395
Phillips	2,168,430	1,853,400	4,021,830	3,424,278	1,694,100	5,118,378
Roosevelt	2,846,155	1,456,300	4,302,455	4,270,080	1,331,100	5,601,180
Sheridan	4,816,260	852,300	5,668,560	6,476,196	779,200	7,255,396
Valley	3,726,316	2,140,500	5,866,816	5,137,041	1,956,500	7,093,541
WEST CENTRAL						
Deer Lodge	332,062	203,200	535,262	459,964	185,700	645,664
Granite	549,365	872,600	1,421,965	566,798	797,600	1,364,398
Mineral	149,710	129,000	278,710	186,130	117,900	304,030
Missoula	1,165,320	775,800	1,941,120	1,190,235	709,100	1,899,335
Powell	1,040,200	1,058,300	2,098,500	1,409,975	967,300	2,377,275
Ravalli	2,085,542	1,403,300	3,488,842	2,190,604	1,282,600	3,473,204
CENTRAL						
Broadwater	1,264,520	641,700	1,906,220	1,464,060	586,500	2,050,560
Cascade	4,258,835	2,659,400	6,918,235	4,703,350	2,430,800	7,134,150
Fergus	5,762,887	3,228,400	8,991,287	7,308,890	2,952,100	10,260,990
Golden Valley	923,635	548,600	1,472,235	1,829,740	501,400	2,331,140
Jefferson	952,810	465,600	1,418,410	1,062,710	425,600	1,488,310
Judith Basin	3,269,785	1,516,900	4,786,685	4,113,480	1,386,500	5,499,980
Lewis & Clark	1,336,485	1,803,800	3,140,285	1,755,600	1,648,700	3,404,300
Meagher	864,960	1,169,100	2,034,060	1,059,312	1,068,600	2,127,912
Musselshell	853,580	1,352,800	2,206,380	1,989,240	1,236,500	3,225,740
Petroleum	96,550	672,100	768,650	235,390	614,300	849,690
Wheatland	997,306	1,451,100	2,448,406	1,110,580	1,326,300	2,436,880
EAST CENTRAL						
Dawson	1,477,949	1,775,600	3,253,549	3,816,405	1,622,900	5,439,305
Garfield	1,029,795	1,417,900	2,447,695	2,085,250	1,296,000	3,381,250
McCone	967,241	1,378,500	2,345,741	2,986,693	1,259,900	4,246,593
Prairie	663,592	1,311,900	1,975,492	1,721,605	1,199,100	2,920,705
Richland	2,269,182	1,405,100	3,674,282	4,864,560	1,284,300	6,148,860
Wibaux	634,152	690,100	1,324,252	1,656,128	630,700	2,286,828
SOUTHWESTERN						
Beaverhead	2,026,250	3,750,000	5,776,250	3,170,352	3,429,500	6,599,852
Madison	1,901,557	1,373,500	3,275,057	1,659,522	1,255,400	2,914,922
Silver Bow	228,110	554,300	782,410	245,933	506,600	752,533
SOUTH CENTRAL						
Carbon	4,042,565	1,131,800	5,174,365	3,836,071	1,034,500	4,879,571
Gallatin	4,941,734	1,503,500	6,445,234	4,936,270	1,374,300	6,310,570
Park	2,152,375	1,545,400	3,697,775	2,003,520	1,412,500	3,416,020
Stillwater	2,984,835	1,432,400	4,417,235	3,763,870	1,309,300	5,073,170
Sweet Grass	1,773,376	1,737,000	3,510,376	1,784,934	1,587,600	3,372,534
Yellowstone	4,835,290	3,318,000	8,153,290	7,367,160	3,034,000	10,401,160
SOUTHEASTERN						
Big Horn	2,291,309	1,584,000	3,875,309	3,104,233	1,447,800	4,552,033
Carter	926,532	1,540,900	2,467,432	1,537,110	1,408,400	2,945,510
Custer	990,440	1,850,800	2,841,240	1,508,309	1,691,700	3,200,009
Fallon	1,220,895	935,100	2,155,995	2,831,275	854,700	3,685,975
Powder River	1,255,538	1,442,200	2,697,738	1,248,400	1,318,200	2,566,600
Rosebud	1,266,746	1,913,400	3,180,146	2,842,649	1,748,900	4,591,549
Treasure	797,121	579,300	1,376,421	1,172,045	529,500	1,701,545
STATE TOTAL	$106,788,610	$73,351,000	$180,139,610	$148,931,935	$67,049,000	$215,980,935

VALUE OF CROPS AND LIVESTOCK MARKETED BY COUNTIES IN 1927



MONTANA'S CROP PRODUCTION 1927

Montana's greatest crop year, judged on the basis of quantity, was in 1927. Combined yields per acre of Montana crops showed a greater increase over the average of combined yields for ten years than did those of any other of the states or of the United States as a whole. Weights per bushel of important Montana grains equalled or surpassed the bushel weights for the same grains for any of the past five years. For the first time Montana ranked third in wheat production among the states and in most other crops ranked higher than last year. Measured in tons, the 1927 crop was the largest in the state's history.

This record mass production of crops was due to increased acreage for most crops, and higher yields per acre than for many years for a large number of crops. Greatly decreased crop failure was noted in 1927 as well as increased acreage devoted to summer fallow lands, in preparation for the 1928 crop season.

MONTANA'S RANK IN CROP PRODUCTION

For the first time, Montana reached third place in wheat production in the United States in 1927. The spring wheat crop ranked second in the United States and the winter wheat crop thirteenth. Last year Montana ranked fourth in the country with a rank of second place in spring wheat production and nineteenth in winter wheat. In none of the important crops did Montana rank lower than last year, while many of the crops ranked higher than in 1926.

CROP	1924	1925	1926	1927	CROP	1924	1925	1926	1927
All Wheat	4	4	4	3	Potatoes	29	24	29	22
Spring Wheat	2	2	2	2	Beans, dry	7	6	7	6
Winter Wheat	14	23	19	13	Sugar Beets	....	....	8	8
Oats	16	16	17	16	Apples	42	43	39	38
Barley	16	14	15	10	Cherries	....	....	5	4
Rye	10	9	9	7	All Hay	....	....	17	14
Flax	4	4	4	4	Wild Hay	6	6	11	6
Corn	31	31	29	22	Tame Hay	16	17	17	16

BUSHEL WEIGHTS OF MONTANA GRAINS

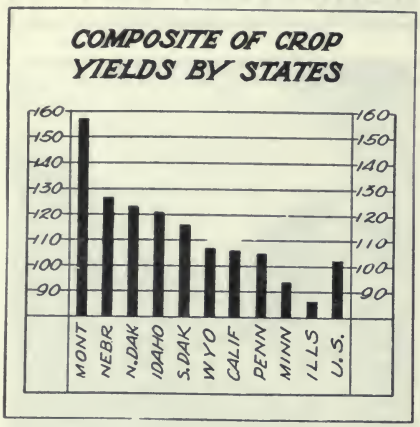
Montana exceeded the 5-yr. average weight per measured bushel in spring wheat and oats in 1927, and equalled the five year average in winter wheat and barley. Statistics on the bushel weights of the various grains are obtained from crop correspondents throughout the state on November each year. Comparison of the weights of various grains by years is shown in the accompanying table.

ESTIMATED WEIGHT PER MEASURED BUSHEL OF MONTANA GRAINS

(Pounds)

	1923	1924	1925	1926	5 Yr. Av.	1927
Winter Wheat	59.4	60.3	58.0	59.5	59.5	59.5
Spring Wheat	59.8	59.5	58.0	58.5	59.1	59.4
Oats	37.2	36.5	36.0	35.0	36.1	37.0
Barley	49.0	50.0	49.0	47.0	49.0	49.0

MONTANA LEADS IN COMPOSITE OF CROP YIELDS



Montana's record crop year expressed as a composite of all crop yields, as a percentage of the 10-year average was 157.2 per cent. This was 30.5 per cent greater than that of Nebraska, which ranked second with 126.7 per cent. The composite of all crops for the United States was 102.5.

This means that, combining the yields of all crops in proportion to their 10-year averages, the composite of yields per acre in Montana was 57.2 per cent greater than this average.

A study of the accompanying table will show that the states surrounding Montana all had a comparatively high composite of yields. Only 27 states had a composite that was greater than the ten year average, or in other words, greater than 100 per cent.

COMPOSITE OF CROP YIELDS BY STATES

Montana	157.2	Nebraska	126.7
North Dakota	123.2	Illinois	86.4
South Dakota	115.8	Pennsylvania	104.9
Wyoming	106.8	Minnesota	94.0
Idaho	120.7	California	106.0

The United States.....102.5

The following table, a yield index, shows crops that are important in Montana compared with the same crops in the United States. In this index the 1927 yields are expressed as percentages of the 10-year average yields per acre of each crop.

COMPOSITE OF CROP YIELDS BY CROPS

	Montana	United States		Montana	United States
Corn	142	101.8	Rye	163	118.5
Winter Wheat	167	98.0	Flax	212	128.2
Spring Wheat	193	125.2	Tame Hay	129	116.0
Oats	163	89.0	Wild Hay	144	119.4
Barley	166	114.8	Potatoes	131	109.3

PERCENTAGE OF CROPS MARKETED

The accompanying table shows the percentage of Montana crops that are sold for cash. A study of the table will show that the amounts of crops retained on the farm for seed, feed, or other purposes remains fairly constant from year to year.

Thus, crops grown primarily as cash crops show a larger percentage for sale in years of big production, while crops grown mainly for feed show about the same or smaller percentage for sale in such years. Of wheat, a cash crop, 92 per cent was marketed in 1927 in contrast with 82 per cent for 1926 when the crop was considerably smaller. In 1926, twenty-five per cent of the hay crop was sold, while but 17 per cent of the large 1927 crop was reported sold.

PERCENTAGE OF CROPS MARKETED

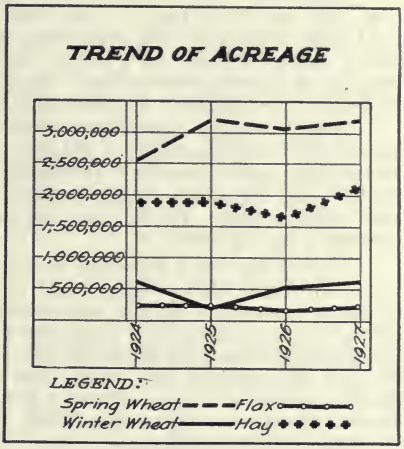
CROP	1926	1927	CROP	1926	1927
All Wheat	82	92	Misc. Fruits	55	56
All Hay	25	17	Beans	76	77
Oats	6	6	Sugar Beets	100	100
Barley	54	54	Truck Crops	96	96
Rye	14	15	Canning Peas	100	100
Flaxseed	87	93	Alfalfa Seed	85	90
Corn	51	50	Clover Seed	53	48
Potatoes	33	23	Seed Peas	80	89
Apples	81	81	Farm Gardens	19	17

ACREAGE CHANGES IN 1927

Increases in acreage of most Montana crops were noted in 1927. The exceptions were corn, oats, seed and canning peas, alfalfa seed, and sugar beets. Crop failure was much smaller than usual.

Total acreage in all principal crops was increased nearly 12 per cent in 1927 over 1926. The highest relative increase was in wild hay, which increased 120 per cent over the small acreage cut in 1926. Flax acreage was 49 per cent greater than last year, and beans show an acreage 28 per cent larger than 1926. Acreage devoted to all grains increased a little less than five per cent over 1926, the increase for all wheat being over seven per cent.

Acreage of grains cut for hay was only about 50 per cent of the acreage cut last year, due to better stands of grain and the good yields of other tame and wild grasses.



Acreage of crop failure in 1927 amounted to only a little more than 25 per cent of the previous year. Surveys in 1927 also indicated about 49 per cent increase in summer fallow acreage over 1926.

ACREAGE CHANGES 1927

	1924 Acres	1925 Acres	1926 Acres	1927 Acres
TOTAL LAND AREA	93,532,840			
Land in Farms	32,735,723			
Pasture Land	22,714,811			
Improved pasture land	4,144,050			
Wild	17,249,146			
Woodland	1,311,615			
Other Land	1,546,688			
Total Crop Land	8,650,000	8,691,000	8,710,000	9,486,000
Total Acres in Crops	6,595,000	6,797,000	6,817,000	7,606,000
Grain Crops Total	4,526,000	4,490,000	4,827,000	5,057,000
Corn	420,000	399,000	359,000	305,000
All Wheat	3,163,000	3,250,000	3,570,000	3,827,000
Winter Wheat	620,000	224,000	521,000	625,000
Spring Wheat	2,543,000	3,026,000	3,049,000	3,202,000
Durum Wheat *	39,000	32,000	14,000	15,000
Oats	550,000	605,000	641,000	596,000
Barley	104,000	156,000	150,000	195,000
Rye	80,000	80,000	107,000	134,000
Other Crops Total	320,000	347,000	263,000	324,000
Beans	25,000	37,000	43,000	55,000
Seed Peas	24,000	28,000	27,000	14,000
Flax Seed	246,000	244,000	165,000	239,000
Clover Seed	3,000	7,000	5,000	5,000
Alfalfa Seed	19,000	28,000	23,000	11,000
All Hay and Forage	1,879,000	1,882,000	1,644,000	2,139,000
Timothy	100,000	100,000	101,000	101,000
All Clover	51,000	55,000	50,000	56,000
Timothy and Clover Mixed	157,000	157,000	140,000	154,000
Alfalfa Hay	598,000	604,000	592,000	710,000
Grain cut for hay	190,000	211,000	274,000	140,000
All Other Tame Hay	110,000	105,000	94,000	113,000
Wild Hay (Cut)	673,000	650,000	393,000	865,000
Potatoes	34,000	35,000	35,000	40,000
Other Vegetables	5,000	5,000	5,000	5,000
Sugar Beets	31,000	30,000	32,000	30,000
Canning Peas	1,900	3,100	2,000	2,800
Crop Failure	308,000	373,000	785,000	210,000
Idle and Fallow Land	1,750,000	1,800,000	1,100,000	1,640,000
Fruit Crops (acres)	8,000	8,000	8,000	8,000
Apple Trees (number)	712,000	650,000	577,000	577,000
Plums	19,000	19,000	19,000	19,000

* Durum wheat included in Spring Wheat.

TOTAL TONNAGE OF 1927 CROP WITH COMPARISONS

Expressed in tons, the 1927 crop production exceeded that of the best preceding crop by more than 37 per cent. Gross tonnage of the principal crops was 7,510,531 tons for 1927 compared with the gross tonnage of 5,398,550 for the same crops in 1924, the year of the heaviest preceding crop. The total for 1927 was 60 per cent greater than for 1926, when the tonnage was estimated at $4,662,477. The tonnage in 1925 was 4,702,440 tons.

Wheat, for the first time in this state, passed the two million mark in tonnage production with a total of 2,391,060 tons. Oats, barley, rye, flax, all hay, potatoes, beans and sugar beets all surpassed in tonnage, the production for any previous year. The hay crop was especially heavy, aggregating more than three and a half million tons. The tonnage of rye and barley were both almost double that of previous high records.

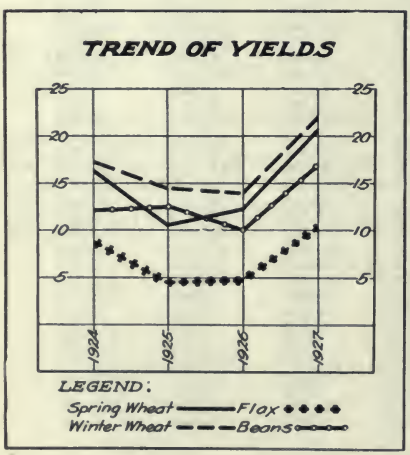
In contrast with the crop of last year, production of nearly all principal crops was uniformly high. Such crops as show a decrease in total production found a general decrease over the entire state and not a spotted condition, as last year. Corn had an unfavorable year, due to the cold wet spring and the consequent late start in growing. In spite of this handicap, however, the crop was greater than that of the previous two years. The apple crop suffered from unfavorable weather during pollenization and shows a tonnage smaller than 1926 or 1924. Alfalfa seed alone reflects a spotted condition, due to a poor start and rains at the time of maturity of the seed.

These estimates do not include all the minor crops grown within the state, but the total figure used is very close to the real total for all crops.

The following table shows the production estimates of the important crops in tons for the current year, compared with the estimates for the previous three years.

TONNAGE PRODUCTION OF MONTANA CROPS

CROPS	1924	1925	1926	1927
Corn	226,800	197,520	118,470	200,704
All Wheat	1,553,970	1,050,630	1,387,064	2,391,060
Oats	259,600	217,792	266,656	381,440
Barley	62,400	78,624	186,400	154,440
Rye	33,600	30,000	35,952	67,536
Flax	59,920	30,744	19,404	68,264
All Hay	2,708,000	2,631,000	2,263,000	3,689,000
Potatoes	89,760	113,400	89,250	162,000
Beans	16,800	12,936	12,900	29,700
Seed Peas	11,760	15,630	16,200	9,450
Canning Peas	2,100	3,984	3,792	2,679
Alfalfa Seed	1,410	2,340	1,860	600
Sugar Beets	365,000	315,000	352,000	346,000
Cherries	200	260	325	260
Clover Seed	270	660	900	750
Apples	6,960	1,920	8,304	6,648
TOTAL TONNAGE	5,398,550	4,702,440	4,662,477	7,510,531



AVERAGE YIELDS PER ACRE

That the 1927 yields of Montana's principal crops were greater than ever before is shown in the accompanying table of average yields. The average yield per acre of every crop in the table, with the exception of sugar beets, is substantially higher for 1927 than for any of the preceding three years or than the five-year average of 1920 to 1924. This was caused by the lack of crop failure for any of the field crops in any part of the state during the past season. Wheat, the most important single crop in the state, averaged higher this year than since 1911, records show.

AVERAGE ACRE YIELDS

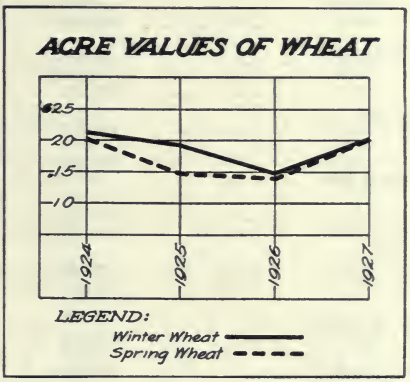
In Units of Bushels Except for Hay and Sugar Beets in Tons.

CROP	1924	1925	1926	5-Year Av. 1920-24	1927
Spring Wheat	16.20	10.50	12.20	13.30	20.60
Winter Wheat	17.10	14.50	14.00	15.10	22.00
Corn	18.00	16.50	11.00	20.10	23.50
Oats	29.50	22.50	26.00	28.10	40.00
Barley	25.00	21.50	24.00	22.80	33.00
Rye	14.00	12.50	12.00	11.60	18.00
Flax	8.70	4.50	4.70	6.30	10.20
Potatoes	88.00	108.00	85.00	108.80	135.00
Tame Hay	1.71	1.65	1.59	1.76	2.12
Wild Hay	.90	.90	.80	.89	1.15
Beans	12.00	12.50	10.00	12.20	18.00
Sugar Beets			11.00		11.40

ACRE VALUES

(Average Yield Per Acre times farm price per bu. or ton.)

Acre values, as determined by multiplying the average yield per acre by the price per unit of the crop, were generally higher in 1927 than they have been for many years. This condition is brought about by the yields per acre of all crops, which have been among the highest the state has experienced. Prices were somewhat below the level of last year but were more than offset in acre values by the acre yields. Comparison of this year's acre values are shown in the following table in comparison with those of previous years.



ACRE VALUE

(Average yield per acre times farm price per bu. or ton.)

CROP	1924	1925	1926	5-Year Av. 1920-24	1927
Spring Wheat	$20.09	$14.70	$13.90	$13.48	$19.98
Winter Wheat	21.20	19.29	14.90	15.18	20.24
Corn	17.82	15.68	10.12	14.13	16.92
Oats	13.82	11.92	13.78	11.52	17.60
Barley	17.25	15.12	15.36	13.19	19.80
Rye	12.74	9.25	9.00	8.10	13.14
Flax	19.22	9.90	7.77	12.16	17.85
Potatoes	76.56	172.80	102.00	81.19	87.75
Tame Hay	17.64	16.61	16.59	17.62	17.81
Wild Hay	8.10	8.10	7.60	7.60	8.63
Beans	39.60	38.13	28.00	.....*	51.00
Sugar Beets	.....	70.87	86.13	.....*	96.90

* Records for less than five-year period.

SHIPMENTS OF MONTANA WHEAT BY MONTHS

As Shown by Reports of Montana Railway Commission

(Car loads)

MONTH	1920	1921	1922	1923	1924	1925	1926	1927
January	360	1622	1818	3321	1560	1972	1376	1244
February	300	1027	1638	2057	1836	1659	1575	1550
March	218	901	1027	1939	1338	969	1106	1256
April	314	971	843	1398	902	835	1145	817
May	333	1095	863	1462	1084	1055	1289	1133
June	349	1408	981	1480	1196	1403	1363	1174
July	313	649	857	1156	993	960	1022	1028
August	813	2236	1692	1519	2078	2721	4068	3425
September	3087	4645	4305	5041	6393	3626	4085	12147
October	4522	4869	5699	5192	7704	1969	5879	9853
November	4435	2201	5199	5056	4366	3314	2635	4630
December	2838	1740	3298	2883	2116	2507	1336	2321

ACREAGE, YIELD AND PRODUCTION; UNIT VALUE AND TOTAL FARM VALUE WITH ACRE VALUE OF MONTANA'S IMPORTANT CROPS

YEAR	Acreage	Acre Yield	Production	Dec. 1 Unit Price	Farm Value $	Acre Value $
ALL WHEAT						
1927	3,827,000	20.8	79,702,000	.96	76,623,000	20.02
1926	3,595,000	12.3	44,665,000	1.12	50,095,000	13.92
1925	3,250,000	10.8	35,021,000	1.39	48,802,000	15.02
SPRING WHEAT						
1927	3,202,000	20.6	65,952,000	.97	63,973,000	19.98
1926	3,049,000	12.3	37,450,000	1.13	42,318,000	13.78
1925	3,026,000	10.5	31,773,000	1.40	44,482,000	14.70
WINTER WHEAT						
1927	625,000	22.0	13,750,000	.92	12,650,000	20.24
1926	448,000	14.0	6,272,000	1.07	6,711,000	14.98
1925	224,000	14.5	3,248,000	1.33	4,320,000	19.29
ALL HAY						
1927	2,139,000	1.73	3,701,000	8.16	30,192,000	14.92
1926	1,884,000	1.32	2,484,000	10.29	25,566,000	13.57
1925	1,882,000	1.40	2,631,000	9.78	25,725,000	13.67
OATS						
1927	596,000	40.0	23,840,000	.44	10,490,000	17.60
1926	635,000	26.0	16,510,000	.53	8,750,000	13.78
1925	605,000	22.5	13,612,000	.53	7,214,000	11.92
BARLEY						
1927	195,000	33.0	6,435,000	.60	3,861,000	19.80
1926	150,000	24.0	3,600,000	.64	2,304,000	15.36
1925	156,000	21.0	3,276,000	.72	2,359,000	15.12
RYE						
1927	134,000	18.0	2,412,000	.73	1,761,000	13.14
1926	107,000	12.0	1,284,000	.75	963,000	9.00
1925	80,000	12.5	1,000,000	.74	740,000	9.25
FLAXSEED						
1927	239,000	10.2	2,438,000	1.75	4,266,000	17.85
1926	171,000	4.7	804,000	1.85	1,486,000	8.69
1925	244,000	4.5	1,098,000	2.20	2,416,000	9.90
CORN						
1927	305,000	23.5	7,168,000	.72	5,161,000	16.92
1926	359,000	11.0	3,949,000	.92	3,633,000	10.12
1925	399,000	16.5	6,584,000	.95	6,255,000	15.68
POTATOES						
1927	40,000	135.0	5,400,000	.65	3,510,000	87.75
1926	35,000	85.0	2,975,000	1.20	3,570,000	86.70
1925	35,000	108.0	3,780,000	1.60	6,048,000	172.80
APPLES						
1927	.....	.....	277,000	1.30	360,000	.....
1926	.....	.....	325,000	1.20	390,000	.....
1925	.....	.....	80,000	1.75	140,000	.....
BEANS						
1927	55,000	17.0	935,000	3.00	2,805,000	51.00
1926	43,000	10.0	430,000	2.80	1,204,000	28.00
1925	37,000	12.5	462,000	3.05	1,411,000	38.13
SEED PEAS						
1927	14,000	21.0	294,000	2.10	617,000	44.10
1926	26,000	20.0	520,000	2.00	1,040,000	40.00
1925	28,000	20.0	560,000	2.10	1,176,000	42.00
SUGAR BEETS						
1927	30,000	11.4	346,000	8.50	2,941,000	96.90
1926	30,000	11.6	348,000	7.82	2,724,000	90.71
1925	30,000	10.5	315,000	6.75	2,126,000	70.88
ALFALFA SEED						
1927	11,000	1.8	20,000	13.00	260,000	23.40
1926	23,000	2.7	62,000	13.50	837,000	36.45
1925	28,000	2.8	78,000	12.60	983,000	36.40
CLOVER SEED						
1927	5,000	5.0	25,000	15.00	375,000	65.00
1926	5,000	5.0	25,000	16.00	400,000	80.00
1925	7,000	3.1	22,000	20.45	450,000	63.40
CANNING PEAS						
1927	Cases of peas packed		222,800	@	$2.50 Per case	$557,000
1926	Cases of peas packed		316,000	@	2.60 Per case	822,000
1925	Cases of peas packed		332,000	@	2.96 Per case	984,000

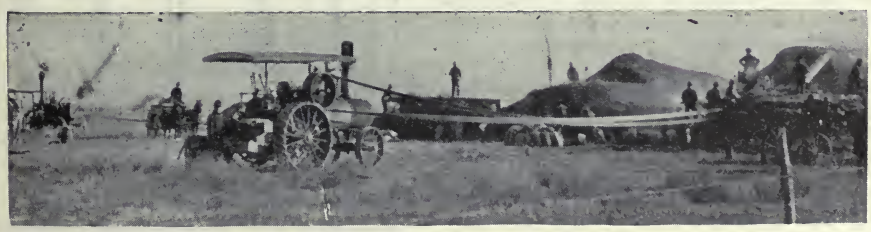
TOTAL VALUE 16 PRINCIPAL CROPS ABOVE:

1927	$143,779,000	1925	$106,829,000
1926	$104,173,000	1924	$122,251,000

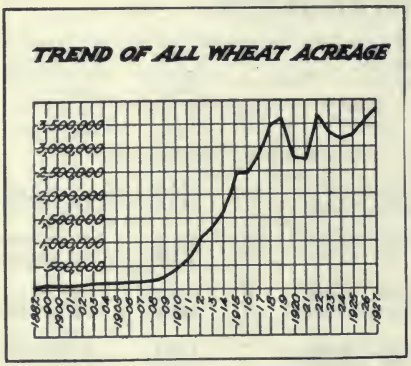
ACREAGE, YIELD PER ACRE, PRODUCTION, FARM PRICE PER UNIT ON DECEMBER 1, AND TOTAL FARM VALUE FOR THE UNITED STATES

CROP AND YEAR	PRODUCTION				Farm Price on Dec. 1 Per Unit	Total Farm Value Based on Dec. 1 Farm Price
	Acreage	Yield per Acre	Total Production	Unit	cents	Dollars
CORN						
1926	99,713,000	27.0	2,692,217,000	bu.	64.2	1,729,457,000
1927	98,914,000	28.2	2,786,288,000	"	72.3	2,014,725,000
WINTER WHEAT						
1926	36,987,000	17.0	627,433,000	"	121.2	760,406,000
1927	37,872,000	14.6	552,384,000	"	116.8	645,091,000
SPRING WHEAT						
1926	19,350,000	10.5	a 203,607,000	"	115.7	235,548,000
1927	20,711,000	15.4	a 319,307,000	"	103.2	329,603,000
ALL WHEAT						
1926	56,337,000	14.8	831,040,000	"	119.8	995,954,000
1927	58,583,000	14.9	871,691,000	"	111.8	974,694,000
OATS						
1926	44,177,000	28.2	1,246,848,000	"	39.8	496,582,000
1927	42,227,000	28.3	1,195,006,000	"	45.0	537,276,000
BARLEY						
1926	7,970,000	23.2	184,905,000	"	57.5	106,237,000
1927	9,492,000	28.0	265,577,000	"	67.8	180,127,000
RYE						
1926	3,578,000	11.4	40,795,000	"	83.4	34,024,000
1927	3,670,000	16.0	58,572,000	"	85.3	49,945,000
FLAXSEED						
1926	2,907,000	6.7	19,335,000	"	194.0	37,510,000
1927	2,907,000	9.1	26,583,000	"	185.7	49,373,000
COTTON						
1926	47,087,000	d 182.6	17,977,000	bales	e 10.9	982,736,000
1927	40,168,000	d 152.3	12,789,000	"	e 19.6	1,253,599,000
ALL HAY						
1926	71,702,000	1.34	96,065,000	tons	13.68	1,314,478,000
1927	75,983,000	1.63	123,512,000	"	10.69	1,320,524,000
CLOVER SEED						
1926	530,000	1.37	728,000	bu.	17.71	12,895,000
1927	1,208,000	1.44	1,738,000	"	15.25	26,499,000
BEANS, DRY EDIBLE						
bf 1926	1,649,000	10.5	17,396,000	"	2.93	51,005,000
1927	1,605,000	10.5	16,872,000	"	2.89	48,732,000
POTATOES						
1926	3,122,000	113.5	354,328,000	" b	141.4	501,017,000
1927	3,505,000	114.7	402,149,000	" b	96.4	387,870,000
SUGAR BEETS						
1926	677,000	10.7	7,223,000	tons b	7.61	54,964,000
1927	722,000	10.7	7,737,000	" b	7.78	60,198,000
APPLES	(Total Crop)					
1926	.....	.....	246,524,000	bu.	74.5	178,233,000
1927	.....	.....	123,455,000	"	138.6	171,078,000

a Including DURUM (production 4 states 43,981,000 bu. 1926, 76,155,000 bu. 1927).
b Principal Producing States.
f Including Lima Beans.
d Pounds.
e Per Pound.



WHEAT



It is significant that wheat, which is one of the most important crops in the world, as well as the United States, should occupy a high place in rank of income to Montana farmers. In fact, this crop contributed more to the cash income of Montana farmers in 1927, than sales of all other crops combined. About half of the total acreage devoted to crops in the state is planted to wheat. Over eighty per cent of the farms in Montana grow greater or lesser acreages of the international bread crop.

More than three fourths of the total crop sales income for 1927 came from the wheat crop, the total value of which was estimated at $76,623,000 and from which the cash income is estimated at $70,274,000. Total value of the 1926 crop was estimated at $50,123,000 and the cash income from wheat that year at $40,985,000.

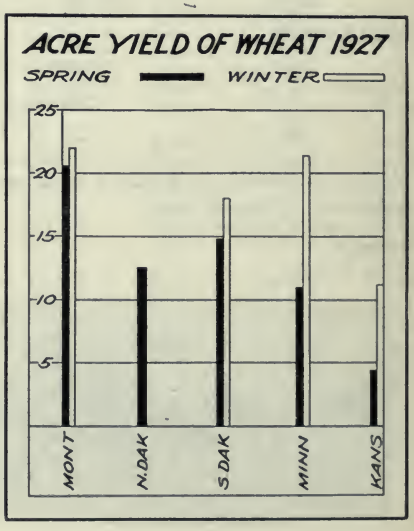
Increased acreage over past years, combined with higher yields per acre than for many years, gave Montana the largest wheat crop in her history in 1927.

Montana's disadvantage in marketing wheat due to high freight rates accompanying the long hauling to market is partially offset by the premiums received by Montana farmers for protein content.

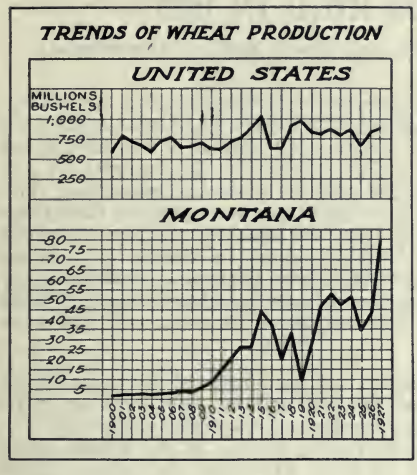
MONTANA'S POSITION

There is no gainsaying that Montana wheat growers are situated somewhat unfavorably in respect to marketing their product at the established markets. Were it not for some other factors that react more favorably it probably would be difficult to compete with the Dakotas, Minnesota and other important wheat growing sections.

It is a fact that Montana, Idaho, and Wyoming were the only states in the country in 1927, where wheat, on the basis of the prices received by farmers on December 1, was valued at an average price of less than a dollar per bushel. Montana's wheat was valued at about 2 cents a bushel more than that of Wyoming, but somewhat less than the Idaho crop. In Montana, at least, this low price is due to the long freight haul necessary to transport wheat to milling centers and to deficit producing states.



The bright spot on the Montana farmer's horizon is the fact that on land that is cheaper than in other wheat areas, with lower taxes and lower production costs than in most states he can produce wheat that commands a premium in any market in which it is sold. Too, new markets are being found for the state's wheat crop. About ten per cent of the wheat exports of the state go to the west coast annually, necessitating shorter freight hauls than to eastern milling centers. A considerable portion of the wheat crop is now being milled in the state. In 1925 this amounted to 22 per cent of the state production, and in 1924 it was 20 per cent.



TREND OF WHEAT PRODUCTION

Wheat production in Montana last year was the largest in the history of the state by nearly thirty million bushels, surpassing the previous record crop of 52,714,000 bushels of 1922. Although the trend of wheat yield per acre in the state, when charted, presents a somewhat broken line, the trend has been upward since 1920. Before 1910 yields were fairly stable from year to year, due to the fact that the bulk of the acreage was irrigated. Since then with the great expansion in dry land wheat acreage the yield trend has been uneven, depending more upon the character of the season.

United States wheat production in 1927 was the highest since 1919 standing at just a little above the level of recent years.

Further expansion of wheat acreage is expected in many sections of the state.

MONTANA WHEAT YIELDS HIGH

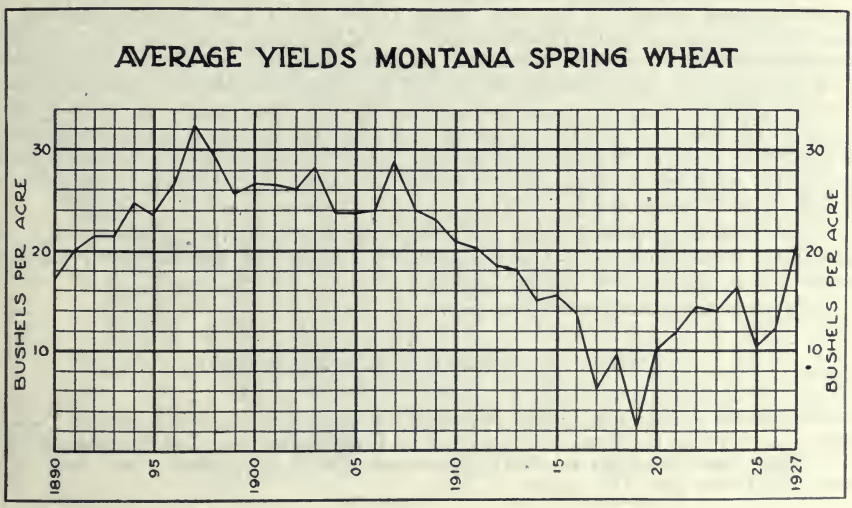
It was largely because of the high yields per acre of both winter and spring wheat in 1927 that Montana farmers were able to call the past crop season the biggest one in their history. Spring wheat yielded at the rate of over 60 per cent greater in Montana than in North Dakota, the only spring wheat state that produced more wheat than did Montana in 1927. Of the twelve winter wheat states which exceeded Montana's winter wheat production last year only two, Washington and Oregon, exceeded Montana's crop in yield per acre.

Comparative yields per acre of winter and spring wheat for important wheat states are shown in the accompanying table.

YIELDS PER ACRE OF WHEAT

STATE	Spring Wheat	Winter Wheat
Montana	20.6	22.0
North Dakota	12.7	....*
South Dakota	14.8	18.0
Minnesota	10.9	21.4
Kansas	4.4	11.2

* Practically no winter wheat grown in North Dakota.



PROTEIN PREMIUMS HIGH IN 1927

By E. J. Bell, Jr., Agricultural Economist, and Clyde McKee, Agronomist)

Data compiled by the departments of Agricultural Economics and Agronomy of the Montana Experiment station show that in 1927 higher premiums were paid for high protein spring wheat at Minneapolis than ever before in the history of that market. The average premium on No. 1 Dark Northern Spring with 14 per cent protein was 19 cents per bushel in August and 37 cents in December. The average premium for the same grade of wheat with 13 per cent protein rose from 13 cents per bushel in August to 26 cents in December; and the average premium for wheat with 12 per cent protein advanced from 7½ cents in August to 12 cents in December. Individual sales, however, have brought premiums much higher than these averages. On January 16, a car of No. 3 Dark Northern Spring Wheat containing 16.75 per cent of protein from Colorado sold at 70 cents over the price of May future.

It must be understood that "premium" means the amount paid over the future price for a particular lot of actual wheat and not the amount paid over the card price by the local buyer. If a miller pays a premium of 20 cents per bushel for a car of wheat he pays 20 cents more than the future price. If the future price at the time he makes his purchase is $1.25, he pays $1.45 for the wheat. This is merely a convenient way of computing prices and has become a custom on most of the large wheat markets. It is also well to note that protein is not the only factor which determines the premium. Test weight, moisture, damaged kernels, foreign material, variety mixtures, and other factors also have a marked effect on the premium paid.

The exceptionally high premiums which have been paid for quality wheat this year are due largely to the low average protein content of the 1927 crop. Out of 8121 cars of Montana wheat received at Minneapolis last fall only 4 per cent tested 14 per cent or over, while 45 per cent of the cars tested below 12 per cent protein. The low protein wheat from Minnesota, North Dakota and South Dakota was marketed earlier than the Montana crop and this large supply lowered the premiums paid for Montana wheat containing 12 per cent or less.

Thus, a large portion of the 1927 wheat crop was shipped and sold before the premiums started to rise. Of 32,376* cars of wheat shipped from Montana points from August 1 to December 31, 1927, 15,672 cars, or 45 per cent were shipped before October 1 when premiums for 13 per cent protein were less than 20 cents per bushel. In the latter part of December, after the heavy movement of grain had ceased, premiums on wheat of the same quality rose to 30 cents per bushel.

A plausible explanation of this December rise in premiums for wheat of high protein content would be that the grain trade had not previously realized the relatively small supply of wheat containing 14 per cent protein and over. Another explanation offered is that terminal elevator buyers needed this high protein wheat to mix with the large supply of low protein grain already accumulated.

Although the average protein content of the Montana wheat received at Minneapolis last fall was slightly over 12 per cent, the average premium has been estimated at nearly 10 cents per bushel. Only 10 per cent of Montana spring wheat this year has sold at higher premiums than 20 cents and 7 per cent has sold at no premiums at all.

The material gathered shows premiums for hard red spring wheat only. No adequate figures have been made available to show the premiums on hard red winter wheat of different protein content.

*Data from Montana Railway Commission.

MONTANA PROTEIN LOWER IN 1927

The hard red spring wheat produced in Montana in 1927 averaged 12.21% protein acccording to data collected on over 15,000 samples. The tabulation below will show that the crop of 1927 averaged lower in protein than any other crop during the past five years.

YEAR	Number of Tests	Average Per Cent Protein
1923	1322	13.12%
1924	2394	13.55%
1925	9271	14.29%
1926	10101	13.91%
1927	15826	12.21%
5-year Average		13.41%

The protein content of wheat is influenced chiefly by the amount of nitrogen which is available for the use of the growing crop. Therefore, factors which affect the supply of available nitrogen in the soil have a rather direct influence on the protein content of the wheat.

Excessive rains during the spring months of 1927 accompanied by rather cool temperatures not only washed out of the soil some of the available nitrogen, but retarded the action of bacteria which aid in nitrate formation, thus resulting in a low average protein content for the state as a whole. However, there was some variation in the protein content of wheat from the different counties and even more variation between farms within any one county. This suggests that the protein content may be affected by other factors than seasonal conditions.

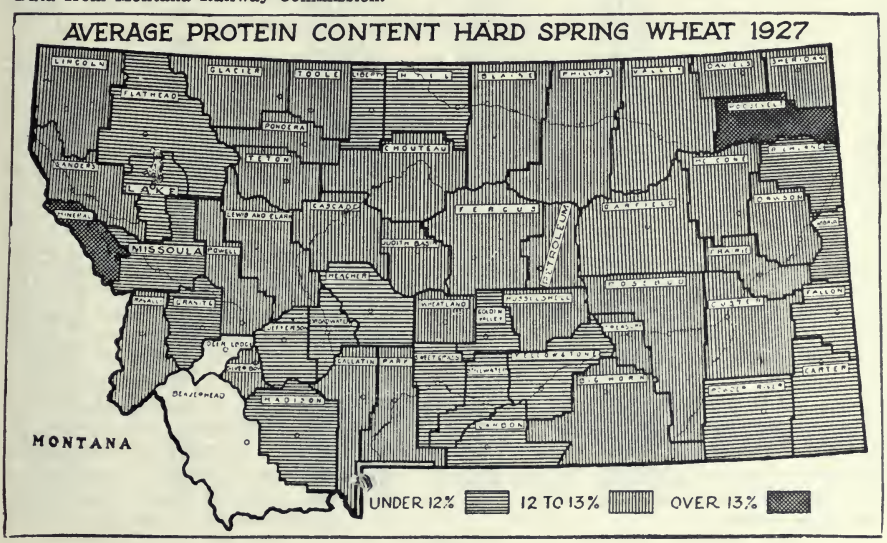
For example, the process of summer tillage or "fallowing" increases the availability of nitrogen to such an extent that it is now generally known that wheat produced after fallow will contain more protein than wheat after crop under identical conditions. Likewise wheat produced after leguminous crop such as alfalfa, sweet clover or peas may show a higher average protein content than wheat on the same kind of soil which has not grown a legume. Furthermore, a soil which contains an abundance of organic matter usually produces wheat with a higher protein content than soils in which the supply of organic or vegetable matter is becoming exhausted.

The experience of the past few years indicates that farmers who employ approved methods in the production and marketing of their wheat crops are the ones who profit mostly by the premiums paid for high protein wheat.

NUMBER OF CARS SHIPPED FROM MONTANA AND AVERAGE PREMIUMS BY MONTHS AUGUST TO DECEMBER, 1927 †

MONTH	Number of cars shipped from Montana points. *	Average premium over prevailing future at Minneapolis
August	3,425	7.6c
September	12,147	9.2c
October	9,853	8.8c
November	4,630	10.5c
December	2,321	14.7c
ALL CARS	32,376	9.8c

† Data compiled by Montana Experiment Station, Bozeman, Montana.
* Data from Montana Railway Commission.



AVERAGE PREMIUMS ON NO. 1 DARK NORTHERN SPRING WHEAT
1927 CROP †

MONTH	12% Protein	13% Protein	14% Protein	15% Protein
September	7.5	12.5	21.2	25.6
October	5.2	18.0	26.8	31.4
November	6.7	19.8	30.0	34.4
December	12.0	25.8	37.3	

† Quotations from Bureau of Agricultural Economics in Miles City Daily Star.

DISTRIBUTION OF CARS OF MONTANA WHEAT ACCORDING TO PROTEIN CONTENT AND AVERAGE PREMIUM BY PROTEIN TESTS AUG. TO DEC., 1927*

Protein Content	Percent of Cars with each protein content	Average premium at Minneapolis August to December, 1927
Under 11 per cent	7.4	0.0
11.00 to 11.99 per cent	39.0	3.5
12.00 to 12.99 per cent	39.0	12.3
13.00 to 13.99 per cent	11.9	21.7
14.00 to 14.99 per cent	2.6	27.7
15.00 per cent and over	1.2	31.7
Average premium		9.8 cents
Average Protein Content		12.18 per cent

* Data compiled by Montana Experiment Station, Bozeman, Montana, from Records of Minnesota State Railroad and Warehouse Commission.

ALL WHEAT BY YEARS
1882-1927

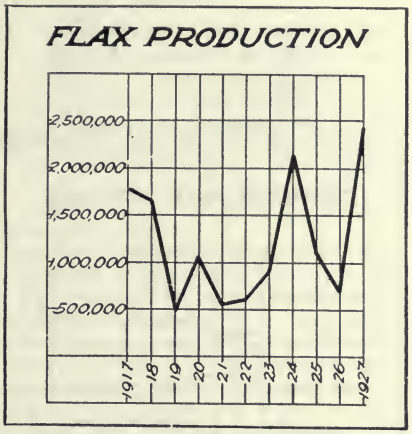
YEAR	Total Acreage All Wheat	Average Yield Per Acre (bu.)	Total Production (bushels)	Farm Price Per Bushel Dec. 1	Farm Value Dec. 1
1882	42,812	16.0	685,000	$1.45	$ 993,250
1883	57,796	16.3	942,000	.92	866,640
1884	76,240	18.0	1,372,000	.70	960,400
1885	83,864	20.4	1,715,000	.77	1,320,550
1886	88,896	17.0	1,509,000	.75	1,131,750
1887	97,786	18.0	1,760,000	.76	1,337,600
1888	121,255	16.5	2,001,000	.85	1,700,850
1889	85,000	18.1	1,539,000	.75	1,153,875
1890	87,500	17.0	1,488,000	.80	1,190,680
1891	92,803	20.0	1,856,000	.84	1,559,090
1892	41,761	21.5	898,000	.69	619,525
1893	43,431	21.5	933,767	.60	560,260
1894	44,828	24.8	1,111,735	.54	600,337
1895	44,570	23.9	1,065,223	.73	777,613
1896	45,443	26.5	1,204,240	.66	794,798
1897	69,792	32.5	2,268,240	.68	1,542,403
1898	71,188	29.5	2,100,046	.58	1,218,027
1899	69,764	25.7	1,792,935	.61	1,093,690
1900	72,555	26.6	1,929,963	.61	1,177,277
1901	88,807	26.5	2,353,386	.67	1,576,769
1902	90,583	26.0	2,355,158	.62	1,460,198
1903	98,735	28.2	2,784,327	.66	1,837,656
1904	108,608	23.9	2,596,731	.89	2,311,091
1905	119,469	23.8	2,843,362	.71	2,018,787
1906	137,389	24.0	3,297,336	.64	2,110,295
1907	139,000	28.8	4,003,000	.81	3,243,000
1908	153,000	24.2	3,703,000	.86	3,185,000
1909	259,000	24.1	6,252,000	.87	5,639,000
1910	415,000*	21.4	8,885,000	.86	7,541,000
1911	609,000*	24.5	14,935,000	.77	11,500,000
1912	1,055,000*	20.3*	21,417,000	.64	13,707,000
1913	1,300,000*	20.1*	26,088,000	.66	17,218,000
1914	1,596,000*	16.8*	26,821,000	.91	24,407,000
1915	2,415,000*	18.4*	44,413,000	.78	34,642,000
1916	2,440,000*	15.4*	37,632,000	1.61	60,587,000
1917	2,884,000*	7.3*	20,934,000	1.92	40,193,000
1918	3,485,000*	9.5*	33,365,000	1.94	64,728,000
1919	3,621,000	2.7	9,889,000	2.35	23,239,000
1920	2,787,000	10.3	28,690,000	1.28	36,723,000
1921	2,715,000	12.3	33,430,000	.85	28,416,000
1922	3,618,000	14.5	52,714,000	.89	46,916,000
1923	3,274,000	14.6	47,708,000	1.82	39,121,000
1924	3,163,000	16.4	51,799,000	1.24	64,230,000
1925	3,250,000	10.8	35,021,000	1.39	48,802,000
1926	3,595,000	12.3	44,355,000	1.12	50,095,000
1927	3,827,000	20.8	79,702,000	.96	76,623,000

* Tentative revisions.

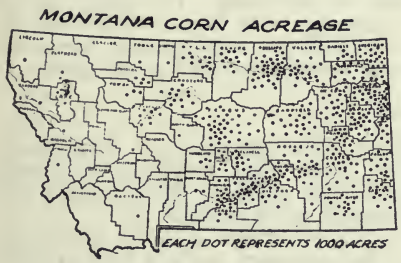
FLAX

The Montana flax crop of 2,438,000 bushels in 1927 was the largest since 1916, when over 3,000,000 bushels were produced, in direct contrast with the crop of last year which was the third smallest in the past ten years. Flax production, being confined almost entirely to unirrigated areas of the state, fluctuates widely from year to year depending largely on moisture supply, weeds and frost damage.

The 1927 yield per acre of 10.2 bushels was the largest in this state since 1915 and was more than double the yield of either of the previous two years. Wisconsin and Iowa were the only flax growing states to exceed Montana's acre yield in 1927 and neither of these states is of major importance in national flax production.



CORN IN MONTANA



Corn acreage in Montana continued to decline from the high point that was reached in 1924. Acreage devoted to corn in 1927 was estimated at 305,000 acres, compared with 359,000 acres in 1926 and the record acreage of 420,000 acres in 1924. In spite of the decrease in acreage, the production was greater than in either 1925 or 1926 and was only a little smaller than in 1924. The yield per acre was over double that of the previous year and was the highest since 1923.

The bulk of the corn crop in Montana is cut for fodder or hogged off, sixty-two per cent of the 1927 crop being consumed in that manner. A little over a third of the crop was husked for grain last year and the percentage of husked grain was the greatest since 1924.

METHODS OF HARVESTING CORN IN MONTANA

(Based on averages supplied by Crop Reporters for their various localities)

YEAR	For Grain	For Silage	For Forage, Cut for Feeding Grazed or Hogged Off
1923	53.0	2.0	45.0
1924	35.0	4.0	61.0
1925	30.1	2.9	67.1
1926	23.0	3.0	74.0
1927	34.0	4.0	62.0

POTATOES

Montana's potato crop in 1927 was the third largest in the state's history and was also the third crop in the state exceeding five million bushels. The price received by Montana growers was the lowest since 1923. However, the price was higher than was received for either of the other two crops that exceeded five million bushels. Montana ranked twenty-second among the United States in potato production in 1927 and twenty-ninth in 1926.

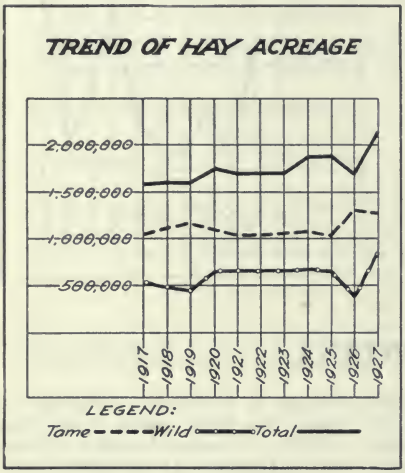
Montana's yield per acre of potatoes of 135 bushels in 1927 was the largest since 1918 and was exceeded by only ten other states. Of the 21 states which surpassed Montana in total production in 1927 only 7 had a higher yield per acre.

Montana certified potatoes have found a market among growers in southern states and many Montana growers have specialized in supplying seed potatoes for the demand in those states.

SUMMARY OF POTATO SHIPMENTS BY CROP YEARS

Crop	Total Production	No. Cars Shipped	Percentage of Total Crop Shipped	Price Dec. 1
1923	3,960,000	757	11.4	$0.65
1924	2,992,000	420	8.4	0.87
1925	3,780,000	1,509	23.9	1.60
1926	2,975,000	886	17.8	1.20
1927	5,400,000	660*	.....	.65

* Movement to March 16, 1928—Shipping season from September 1, to June 30th.



HAY

With the largest hay acreage ever grown in Montana and yields per acre that averaged higher than usual, the state produced for the first time a crop of hay to total over three million tons. A large crop of hay was needed by Montana farmers to restore reserve stocks, depleted in the winter of 1926 and to provide against winter needs in 1927.

Acreage devoted to tame hay in 1927 was decreased from that of 1926 due chiefly to smaller amounts of grains cut for hay. A higher acre yield than for years, however, was sufficient to produce the largest total crop of tame hay in the records of the state. The total crop of wild hay was also larger than ever before because of both greatly increased acreage and higher than usual yields.

APPLES

The commercial apple crop in 1927 suffered early damage from unfavorable weather during pollination and from a heavy June drop, resulting in a crop that was smaller than the 1926 crop by almost 50,000 bushels. Poor weather for maturing caused the quality of the crop to average below normal.

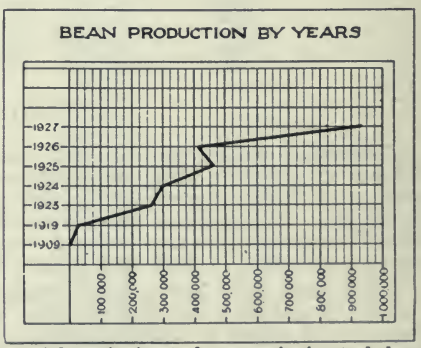
However, apples were also scarce in other apple growing sections and the Montana producers received higher prices for their product in 1927 than in 1926. Comparative data for the past five years is shown in the accompanying table, which gives the total production by years and carlot shipments of apples from each crop.

MONTANA APPLE PRODUCTION 1923-1927

YEAR	Total Production	Cars Shipped
1923	990,000	451
1924	290,000	173
1925	80,000	29
1926	325,000	343
1927	277,000	145*

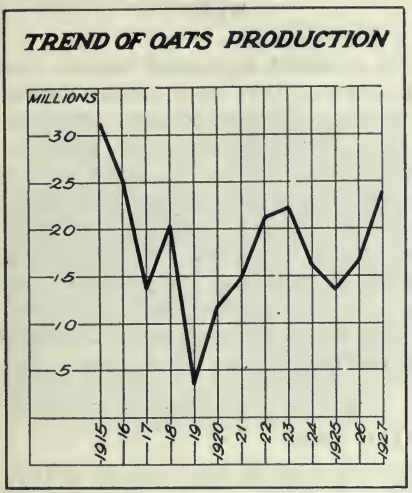
* Total to February 4, 1928; total to same date 1926 was 341 cars.

BEANS



Bean production in Montana in 1927 more than doubled that of 1926. This crop, composed almost entirely of the Great Northern variety which was developed from a native Indian-grown bean, has grown from practically no importance in 1909 to a place in 1927, where it was valued at nearly three million dollars. The Great Northern bean is a white dry bean of good eating quality that has met with favor in eastern markets.

Commercial production of this bean in Montana is chiefly centered in Yellowstone county and in counties adjoining Yellowstone. Beans grow successfully on either irrigated or unirrigated land. Montana ranked sixth in production of dry beans in both 1926 and 1927. The average yield per acre of 17 bushels was surpassed by only two other states.



OATS

Oats production in Montana in 1927 was 23,840,000 bushels, the largest since 1916, ranking sixteenth among the states. Most of the oats in this state is grown for farm feed, only a small percentage being sold on the markets. The yield per acre last year was higher than for any year since 1915. Only four states had oats yields per acre which equalled or exceeded Montana's yield.

The price received by farmers for their oats in 1927 was about nine cents less than was received in 1926. However, the proportionate decrease was smaller in Montana than in many states as is shown by the fact that in 1926 there were 26 states in which prices were as low or lower than in Montana, while in 1927 there were only nine such states.

Oats acreage in the state this year was decreased moderately due to the late spring and the shift from oats to barley for feed purposes that has developed during the past few years in some sections of the state.

BARLEY IN MONTANA

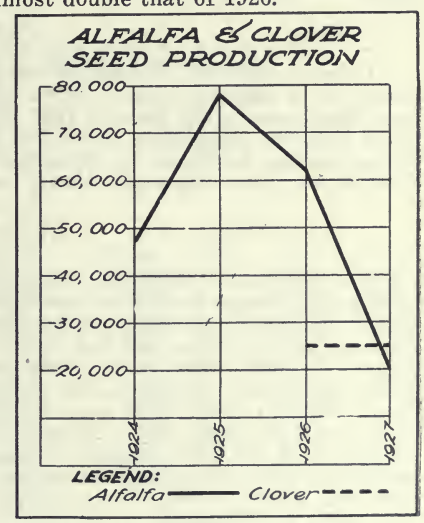
Acreage devoted to barley in 1927 was the greatest in the history of the state and continues the upward trend that has been evident steadily since 1921. The yield per acre of this crop in 1927 was the largest since 1915.

Barley is becoming a feed crop on Montana farms, and evidences, by increases in acreage in nearly all counties, a steady growth. Gallatin county led in barley acreage in 1927, followed by Fergus, Flathead, Park and Pondera. In some sections, particularly the Gallatin Valley, a part of the crop is shipped to markets. Barley production in 1927 was almost double that of 1926.

ALFALFA AND CLOVER SEED

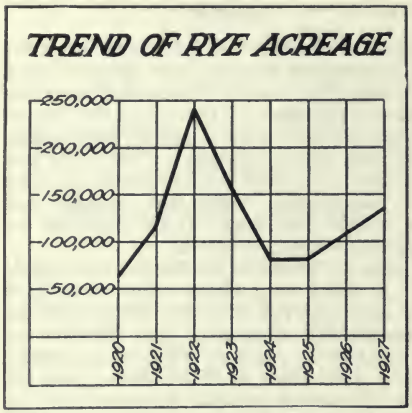
Alfalfa and sweet clover seed production have become important in sections of the eastern third and in the central and south central parts of the state. Alfalfa seed production decreased considerably in 1927, but clover seed was estimated at the same amount as in 1926. Prices of both crops were lower in 1927 than in 1926.

The alfalfa seed crop was spotted in 1927, due chiefly to unfavorable weather in local areas over the whole alfalfa seed section at the season when the seed was forming and developing. Considerable of the alfalfa seed production is of certified seed, about half the reported acreage in 1926 being devoted to the growing of certified seed.



ALFALFA AND SWEET CLOVER SEED PRODUCTION

YEAR	ALFALFA SEED Acreage	Acre Yield (bu.)	Production (bu.)	SWEET CLOVER SEED Acreage	Acre Yield (bu.)	Production (bu.)
1924	19,000	2.5	47,000			
1925	28,000	2.8	78,000			
1926	23,000	2.7	62,000	5,000	5.0	25,000
1927	11,000	1.8	20,000	5,000	5.0	25,000



RYE

Rye produced its second largest crop in Montana in 1927 when production was estimated at 2,412,000 bushels. The largest crop, 3,360,000 bushels, was grown in 1922. Rye is popular as a feed crop in the state, especially in the unirrigated areas. The crop is grown in nearly all parts of the state, but the bulk of the acreage is located in the north central and northeastern parts of the state. Records show that the yield per acre of this crop in 1927 was the largest since 1916.

SEED AND CANNING PEAS

Acreage devoted to seed and canning peas was still further reduced in 1927. Total pea acreage in the state was estimated at 16,800 acres, compared with 29,900 acres in 1926. Seed pea yields and prices, however, were both slightly higher than in the previous year.

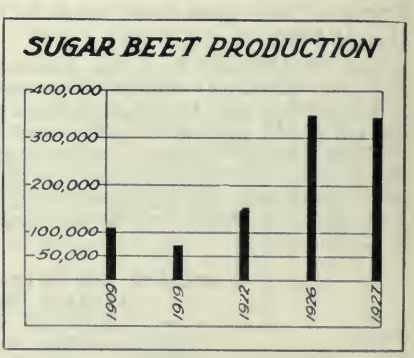
The total value of the pea industry to the state in 1927 was estimated at $885,000, a decrease of almost half from the estimated value of $1,535,000 for the 1926 crop. Of the total values, seed peas were worth $617,000 in 1927 and $1,080,000 in 1926.

Montana peas for both seed and canning purposes are recognized as of very high quality. Unfavorable marketing conditions are somewhat of a handicap to the development of the canning pea industry. Seed peas not used in this state are marketed in other pea growing areas, several out-of-state seed companies maintaining branch offices in this state for the purpose of buying seed.

CHERRIES

Certain varieties of sour cherries, chiefly Morello and Montmorency, have proven to be adapted to parts of the state west of the mountains. It is estimated that production in the state in 1927 was 312,000 boxes, valued at $31,000 as compared with the production of 390,000 boxes the previous year, valued at $39,000. Corresponding decreases in production due to unfavorable spring weather were noted in the more important cherry regions.

SUGAR BEETS



Sugar beets have come to be one of the most popular crops for the irrigated valleys of the state, ordinarily paying good dividends and working well into crop rotation. In 1927 there were three factories operating in Montana, the pioneer Great Western Sugar Company at Billings, the Utah-Idaho Sugar Company at Chinook, and the Holly Sugar Company at Sidney. Quite an extensive acreage of beets was grown in Big Horn County for processing in Wyoming.

A new factory is now being constructed at Missoula by the Amalgamated Sugar Company, to serve beet growers in the western part of the state. It is said that the Big Horn beet growers are attempting to develop interest in the construction of a refinery at Hardin.

COUNTY STATISTICS

The following tables show acreage, yield per acre, production and farm value of principal crops for each county of Montana as estimated by the State-Federal Crop Reporting Service for 1927 and 1926.

These estimates are based on the census of 1924 and sample data as to acreage yield and price changes for 1926 and 1927 with reference to that base.

Farmers, grain men, bankers and county agents were extensively circularized to secure the necessary basic material for these estimates.

They serve not so much as an absolute measure of the production and value in any one year as they do as indicators of year to year relative changes.

BEAVERHEAD COUNTY

CROP TABLE

CROP	1926 Acreage	1926 Acre Yield	1926 Production	1926 Value	1927 Acreage	1927 Acre Yield	1927 Production	1927 Value
Spring Wheat	3,000	19	57,000	64,410	3,000	26	78,000	75,660
Winter Wheat	1,000	15	15,000	16,050	1,000	29	29,000	26,680
All Wheat	4,000	18	72,000	80,460	4,000	26.7	107,000	102,340
Oats	7,000	32	224,000	118,720	7,000	53	371,000	163,240
Barley	1,700	20	34,000	21,760	2,200	48	105,600	63,360
Rye	500	12	6,000	4,500	600	24	14,400	10,512
Potatoes	400	85	34,000	40,800	500	110	55,000	35,750
Seed Peas	1,200	209	25,100	50,200	575	21.4	12,300	25,830
All Tame Hay	44,000	1.80	79,200	831,600	44,000	2.1	92,400	776,160
Wild Hay	95,100	.90	85,600	813,200	212,600	1.20	255,100	1,913,250
Farm Gardens				62,000				76,600
Truck Crops				2,200				2,500
Other Crops				810				810

VALUE OF CROPS PRODUCED IN 1926 AND 1927 AND VALUE OF LIVESTOCK PRODUCTS MARKETED DURING 1926 AND 1927

	Value 1926	Value 1927
Crops	$2,026,250	$3,170,352
Livestock Marketed	3,750,000	3,429,500
Total Value	5,776,250	6,599,852

BIG HORN COUNTY

CROP TABLE

CROP	1926 Acreage	1926 Acre Yield	1926 Production	1926 Value	1927 Acreage	1927 Acre Yield	1927 Production	1927 Value
Spring Wheat	32,000	16	512,000	578,560	32,000	20	640,000	620,800
Winter Wheat	25,000	12	300,000	321,000	31,000	18	558,000	513,360
All Wheat	67,000	14.7	812,000	899,560	63,000	19.0	1,198,000	1,134,160
Oats	10,000	31	310,000	164,300	9,000	40	360,000	158,400
Barley	4,200	18	75,600	48,384	5,400	34	183,600	110,160
Rye	1,000	10	10,000	7,500	1,300	20	26,000	18,980
Flaxseed	3,900	3.5	13,800	25,530	5,600	7.5	42,000	73,500
Corn	8,000	12	96,000	88,320	7,000	21	147,000	105,840
Potatoes	400	100	40,000	48,000	500	130	65,000	42,250
Beans	5,700	11	57,000	175,560	7,600	17	129,200	387,600
Sugar Beets	2,250	10.9	24,475	198,005	2,000	10.5	20,925	177,863
Alfalfa Seed	200	3.1	620	8,370	100	2.5	250	3,250
All Tame Hay	31,000	1.50	46,500	488,260	31,000	2.5	77,500	651,000
Wild Hay	7,300	.90	6,600	62,700	16,300	1.20	19,600	147,000
Farm Gardens				70,400				87,000
Truck Crops				5,500				5,300
Other Crops				930				930

VALUE OF CROPS PRODUCED IN 1926 AND 1927 AND VALUE OF LIVESTOCK PRODUCTS MARKETED DURING 1926 AND 1927

	Value 1926	Value 1927
Crops	$2,291,309	$3,104,233
Livestock Marketed	1,584,000	1,447,800
Total Value	3,875,309	4,552,033

BLAINE COUNTY

CROP TABLE

CROP	1926 Acreage	1926 Acre Yield	1926 Production	1926 Value	1927 Acreage	1927 Acre Yield	1927 Production	1927 Value
Spring Wheat	64,000	12	768,000	867,840	68,000	22	1,496,000	1,451,120
Winter Wheat	1,000	15	15,000	16,050	1,000	18	18,000	16,560
All Wheat	65,000	12.0	783,000	883,890	69,000	21.9	1,514,000	1,467,680
Oats	17,000	23	391,000	207,230	20,000	45	900,000	396,000
Barley	1,700	18	30,600	19,584	2,200	38	83,600	50,160
Rye	16,100	12	193,000	144,900	20,200	16	323,200	235,936
Flaxseed	5,800	4.9	28,400	52,540	8,400	12.5	105,000	183,750
Corn	7,000	11	77,000	70,840	6,000	25	150,000	108,000
Potatoes	900	.90	81,000	97,200	1,300	150	195,000	126,750
Beans	600	8	4,800	13,440	400	20	8,000	24,000
Sugar Beets	1,500	11.0	16,500	133,485	1,800	8.25	14,850	126,225
Alfalfa Seed					200	2.00	400	5,200
All Tame Hay	26,000	2.05	53,100	557,550	25,000	2.10	52,500	441,000
Wild Hay	9,700	.80	7,800	74,100	21,700	1.00	21,700	162,750
Farm Gardens				87,200				107,800
Truck Crops				14,200				16,400
Other Crops				1,150				1,150

VALUE OF CROPS PRODUCED IN 1926 AND 1927 AND VALUE OF LIVESTOCK PRODUCTS MARKETED DURING 1926 AND 1927

	Value 1926	Value 1927
Crops	$2,357,309	$3,452,801
Livestock Marketed	2,162,000	1,976,100
Total Value	4,519,309	5,428,901

BROADWATER COUNTY

CROP TABLE

CROP	1926 Acreage	1926 Acre Yield	1926 Production	1926 Value	1927 Acreage	1927 Acre Yield	1927 Production	1927 Value
Spring Wheat	12,000	24	288,000	325,440	13,000	27	351,000	340,470
Winter Wheat	9,000	19	171,000	182,970	11,000	20	220,000	202,400
All Wheat	21,000	21.9	459,000	508,410	24,000	23.8	571,000	542,870
Oats	7,000	39	273,000	144,690	7,000	50	350,000	154,000
Barley	1,700	35	59,500	38,080	2,200	30	66,000	39,600
Rye	600	21	12,600	9,450	800	20	16,000	11,680
Potatoes	600	106	63,600	76,320	700	110	77,000	50,050
Seed Peas	150	21.3	3,200	6,400	100	21	2,100	4,410
All Tame Hay	19,000	1.9	36,100	379,050	18,000	3.3	59,400	498,960
Wild Hay	4,200	1.4	5,900	56,050	9,500	1.5	14,200	106,500
Apples			2,100	2,520			18,000	2,340
Farm Gardens				41,700				51,500
Truck Crops				800				900
Miscellaneous Fruits				500				700
Other Crops				550				550

VALUE OF CROPS PRODUCED IN 1926 AND 1927 AND VALUE OF LIVESTOCK PRODUCTS MARKETED DURING 1926 AND 1927

	Value 1926	Value 1927
Crops	$1,264,520	$1,464,060
Livestock Marketed	641,700	486,500
Total Value	1,906,220	2,050,560

CARBON COUNTY

CROP TABLE

CROP	1926 Acreage	1926 Acre Yield	1926 Production	1926 Value	1927 Acreage	1927 Acre Yield	1927 Production	1927 Value
Spring Wheat	41,000	27	1,107,000	1,250,910	43,000	28	1,204,000	1,167,880
Winter Wheat	8,000	24	192,000	205,440	9,000	23	207,000	190,440
All Wheat	49,000	26.5	1,299,000	1,456,350	52,000	26.1	1,411,000	1,358,320
Oats	11,000	48	528,000	279,840	10,000	42	420,000	184,800
Barley	2,500	34	85,000	54,400	3,200	30	96,000	57,600
Rye	500	18	9,000	6,750	600	17	10,200	7,446
Flaxseed	200	3.5	700	1,295	300	7.0	2,100	3,675
Corn	6,000	17	102,000	93,840	5,000	25	125,000	90,000
Potatoes	700	110	77,000	92,400	800	155	124,000	80,600
Beans	3,500	11	38,500	107,800	4,100	22.5	92,000	276,000
Seed Peas	5,500	25.5	140,100	280,200	2,800	23.3	65,200	136,920
Canning Peas	50,000	cases @	$2.60	130,000	35,250	cases @	$2.50	88,125
Alfalfa Seed	50	3.8	190	2,570	25	3.0	75	975
Sugar Beets	4,300	11.5	49,450	400,050	4,700	12.5	58,750	499,375
All Tame Hay	47,000	2.00	94,000	987,000	45,000	2.3	103,500	869,400
Wild Hay	600	1.00	600	5,700	1,300	1.10	1,400	10,500
Apples			13,650	16,380			11,650	15,145
Farm Gardens				113,000				140,000
Truck Crops				13,000				15,000
Miscellaneous Fruits				500				700
Other Crops				1,490				1,490

VALUE OF CROPS PRODUCED IN 1926 AND 1927 AND VALUE OF LIVESTOCK PRODUCTS MARKETED DURING 1926 AND 1927

	Value 1926	Value 1927
Crops	$4,042,565	$3,836,071
Livestock Marketed	1,131,800	1,034,500
Total Value	5,174,365	4,870,571

CARTER COUNTY

CROP TABLE

CROP	1926 Acreage	1926 Acre Yield	1926 Production	1926 Value	1927 Acreage	1927 Acre Yield	1927 Production	1927 Value
Spring Wheat	17,000	8	136,000	153,680	18,000	19	342,000	331,740
Winter Wheat	1,000	10	10,000	10,700	1,000	19	19,000	17,480
All Wheat	18,000	8.1	146,000	164,380	19,000	19	361,000	349,220
Oats	10,000	28	280,000	148,400	9,000	40	360,000	158,400
Barley	1,700	14	23,800	15,232	2,200	32	70,400	42,240
Rye	2,000	7	14,000	10,500	2,500	17	42,500	31,025
Flaxseed	1,900	3.2	6,000	11,100	2,800	10.5	29,400	51,450
Corn	12,000	11	131,000	120,520	10,000	28	280,000	201,600
Potatoes	300	70	21,000	25,200	300	125	37,500	24,375
Beans	400	9	3,600	10,080	550	18	9,900	29,700
Alfalfa Seed	800	2.2	1,800	24,300	400	2.0	800	10,400
All Tame Hay	17,000	1.5	25,500	267,750	16,000	2.2	35,200	295,680
Wild Hay	17,000	.5	8,500	80,750	37,800	1.0	37,800	283,500
Farm Gardens				47,500				58,700
Truck Crops				200				200
Other Crops				620				620

VALUE OF CROPS PRODUCED IN 1926 AND 1927 AND VALUE OF LIVESTOCK PRODUCTS MARKETED DURING 1926 AND 1927

	Value 1926	Value 1927
Crops	$ 926,532	$1,537,110
Livestock Marketed	1,540,900	1,408,400
Total Value	2,467,432	2,945,510

CASCADE COUNTY

CROP TABLE

CROP	1926 Acreage	1926 Acre Yield	1926 Production	1926 Value	1927 Acreage	1927 Acre Yield	1927 Production	1927 Value
Spring Wheat	65,000	18	1,170,000	1,322,100	68,000	25	1,700,000	1,649,000
Winter Wheat	44,000	24	1,056,000	1,129,920	54,000	23	1,242,000	1,142,600
All Wheat	109,000	20.4	2,226,000	2,452,000	122,000	24.1	2,942,000	2,791,640
Oats	13,000	36	468,000	248,040	13,000	36	468,000	205,920
Barley	3,000	30	90,000	57,600	3,900	25	97,500	58,500
Rye	3,000	13	39,000	29,250	4,000	16	64,000	46,720
Flaxseed	200	3.5	700	1,295	400	10	4,000	7,000
Corn	6,000	16	96,000	88,320	5,000	25	125,000	90,000
Potatoes	1,300	80	104,000	124,800	1,400	135	189,000	122,850
Beans	400	10	4,000	11,200	400	10	4,000	12,000
Seed Peas	120	21.7	2,600	5,200	50	22	1,100	2,310
Sugar Beets	600	8	4,800	38,830	200	7.0	1,400	11,900
Clover Seed					800	5.0	4,000	60,000
All Tame Hay	58,000	1.66	96,200	1,010,100	57,000	2.14	121,800	1,023,120
Wild Hay	6,700	1.25	8,400	79,800	14,800	1.20	17,800	133,500
Apples			100	120			100	130
Farm Gardens				102,400				126,600
Truck Crops				8,500				9,800
Other Crops				1,360				1,360

VALUE OF CROPS PRODUCED IN 1926 AND 1927 AND VALUE OF LIVESTOCK PRODUCTS MARKETED DURING 1926 AND 1927

	Value 1926	Value 1927
Crops	$4,258,835	$4,703,350
Livestock Marketed	2,659,400	2,430,800
Total Value	6,918,235	7,134,150

CHOTEAU COUNTY

CROP TABLE

CROP	1926 Acreage	1926 Acre Yield	1926 Production	1926 Value	1927 Acreage	1927 Acre Yield	1927 Production	1927 Value
Spring Wheat	146,000	15	2,190,000	2,474,700	150,000	25	3,750,000	3,637,500
Winter Wheat	56,000	14	784,000	838,880	71,000	25	1,775,000	1,633,000
All Wheat	202,000	14.7	2,974,000	3,313,580	221,000	25	5,525,000	5,270,500
Oats	13,000	23	299,000	158,470	12,000	38	456,000	200,640
Barley	1,700	22	37,400	23,936	2,200	25	55,000	33,000
Rye	5,000	11	55,000	41,250	6,500	15	97,500	71,175
Flaxseed	300	5.3	1,600	2,960	400	9	3,600	6,300
Corn	13,000	15	195,000	179,400	13,000	18	234,000	168,480
Potatoes	400	75	30,000	36,000	500	120	60,000	39,000
Sugar Beets					75	9.0	675	5,737
All Tame Hay	22,000	1.85	40,700	427,350	20,000	2.3	46,000	386,400
Wild Hay	4,200	.90	3,800	36,100	9,100	1.20	10,900	81,750
Farm Gardens				131,600				162,700
Truck Crops				2,600				3,000
Other Crops				1,740				1,740

VALUE OF CROPS PRODUCED IN 1926 AND 1927 AND VALUE OF LIVESTOCK PRODUCTS MARKETED DURING 1926 AND 1927

	Value 1926	Value 1927
Crops	$4,354,986	$6,430,422
Livestock Marketed	1,734,100	1,585,000
Total Value	6,089,086	8,015,422

CUSTER COUNTY

CROP TABLE

	1926				1927			
CROP	Acreage	Acre Yield	Production	Value	Acreage	Acre Yield	Production	Value
Spring Wheat	23,000	7	161,000	181,930	24,000	19	456,000	442,320
Winter Wheat	3,000	6	18,000	19,260	3,000	17	51,000	46,920
All Wheat	26,000	6.9	179,000	201,190	27,000	18.8	507,000	489,240
Oats	9,000	18	162,000	85,860	9,000	39	351,000	154,440
Barley	2,500	10	25,000	16,000	3,200	31	99,200	59,520
Rye	600	6	3,600	2,700	800	16	12,800	9,344
Flaxseed	1,900	2.7	5,200	9,620	2,800	10	28,000	49,000
Corn	13,000	12	156,000	143,520	12,000	23	276,000	198,720
Potatoes	800	50	40,000	48,000	900	125	112,500	73,125
Beans	400	8	3,200	8,960	550	18	9,900	29,700
Sugar Beets					50	10	500	4,250
Alfalfa Seed	3,800	2.9	11,000	149,850	1,875	2	3,750	48,750
All Tame Hay	18,000	1.2	21,600	226,800	17,000	1.6	27,200	228,480
Wild Hay	6,100	.95	5,800	55,100	13,500	1.1	14,800	111,000
Farm Gardens				41,000				50,700
Truck Crops				1,300				1,500
Other Crops				540				540

VALUE OF CROPS PRODUCED IN 1926 AND 1927 AND VALUE OF LIVESTOCK PRODUCTS MARKETED DURING 1926 AND 1927

	Value 1926	Value 1927
Crops	$ 990,440	$1,508,309
Livestock Marketed	1,850,800	1,691,700
Total Value	2,841,240	3,200,009

DANIELS COUNTY

CROP TABLE

	1926				1927			
CROP	Acreage	Acre Yield	Production	Value	Acreage	Acre Yield	Production	Value
Spring Wheat	167,000	15	2,505,000	2,830,650	175,000	19	3,325,000	3,225,250
Winter Wheat	3,000	14	42,000	44,940	5,000	12	60,000	55,200
All Wheat	170,000	15	2,547,000	2,875,590	180,000	18.8	3,385,000	3,280,450
Oats	31,000	29	899,000	476,470	29,000	40	1,130,000	497,200
Barley	3,400	25	85,000	54,400	4,400	30	132,000	79,200
Rye	3,000	18	54,000	40,500	4,000	19.5	78,000	56,940
Flaxseed	18,300	5.8	106,400	196,840	26,200	9.2	241,000	421,750
Corn	5,000	12	60,000	55,200	4,000	26	104,000	74,880
Potatoes	400	90	36,000	43,200	500	125	62,500	40,625
Alfalfa Seed	150	3.0	450	6,075	75	2.0	150	1,950
All Tame Hay	6,000	1.40	8,400	88,200	6,000	2.1	12,600	105,840
Wild Hay	3,000	.50	1,500	14,250	6,700	.60	5,400	40,500
Farm Gardens				65,600				81,100
Truck Crops				2,300				2,600
Other Crops				860				860

VALUE OF CROPS PRODUCED IN 1926 AND 1927 AND VALUE OF LIVESTOCK PRODUCTS MARKETED DURING 1926 AND 1927

	Value 1926	Value 1927
Crops	$3,919,485	$4,683,895
Livestock Marketed	501,700	458,500
Total Value	4,421,185	5,142,395

DAWSON COUNTY

CROP TABLE

	1926				1927			
CROP	Acreage	Acre Yield	Production	Value	Acreage	Acre Yield	Production	Value
Spring Wheat	101,000	6	606,000	684,780	105,000	18	1,908,000	1,850,760
Winter Wheat	3,000	7	21,000	22,470	3,000	19	57,000	52,440
All Wheat	104,000	6.0	627,000	707,250	108,000	18.2	1,965,000	1,903,200
Oats	25,000	16	400,000	212,000	22,000	37	814,000	358,160
Barley	3,400	9	30,600	19,584	4,000	36	144,000	86,400
Rye	1,000	7	7,000	5,250	1,300	15	19,500	14,235
Flaxseed	17,200	3.2	54,300	100,455	24,500	12	294,000	514,500
Corn	16,000	9	144,000	132,480	15,000	28	420,000	302,400
Potatoes	800	40	32,000	38,400	800	150	120,000	78,000
Beans	600	6	3,600	10,080	900	15	13,500	40,500
All Tame Hay	17,000	.70	11,900	124,950	16,000	1.9	30,400	255,360
Wild Hay	8,500	.65	5,500	52,250	19,000	1.20	22,800	171,000
Farm Gardens				72,200				89,300
Truck Crops				2,100				2,400
Other Crops				950				950

VALUE OF CROPS PRODUCED IN 1926 AND 1927 AND VALUE OF LIVESTOCK PRODUCTS MARKETED DURING 1926 AND 1927

	Value 1926	Value 1927
Crops	$1,477,949	$3,816,405
Livestock Marketed	1,775,600	1,622,900
Total Value	3,253,549	5,439,305

DEER LODGE COUNTY

CROP TABLE

	1926				1927			
CROP	Acreage	Acre Yield	Production	Value	Acreage	Acre Yield	Production	Value
Spring Wheat	1,000	14	14,000	15,820	1,000	18	18,000	17,460
All Wheat	1,000	14	14,000	15,820	1,000	18	18,000	17,460
Oats	2,000	28	56,000	29,680	2,000	45	90,000	39,600
Barley	800	31	24,800	15,872	1,000	40	40,000	24,000
Rye	200	16	3,200	2,400	200	19	3,800	2,774
Potatoes	700	80	56,000	67,200	700	1.75	122,500	79,625
All Tame Hay	11,000	1.30	14,300	150,150	11,000	2.3	25,300	212,520
Wild Hay	3,000	.80	2,400	22,800	6,700	1.0	6,700	50,250
Apples			900	1,080			750	975
Farm Gardens				20,000				24,700
Truck Crops				5,300				6,100
Miscl. Fruits				1,500				1,700
Other Crops				260				260

VALUE OF CROPS PRODUCED IN 1926 AND 1927 AND VALUE OF LIVESTOCK PRODUCTS MARKETED DURING 1926 AND 1927

	Value 1926	Value 1927
Crops	$ 332,062	$ 459,962
Livestock Marketed	203,200	185,700
Total Value	535,262	645,664

FALLON COUNTY

CROP TABLE

	1926				1927			
CROP	Acreage	Acre Yield	Production	Value	Acreage	Acre Yield	Production	Value
Spring Wheat	73,000	7	511,000	577,430	77,000	17	1,309,000	1,269,730
Winter Wheat	17,000	5	85,000	90,950	21,000	17	357,000	328,440
All Wheat	90,000	6.7	596,000	668,380	98,000	17.0	1,666,000	1,598,170
Oats	15,000	18	270,000	143,100	13,000	35	455,000	200,200
Barley	5,500	11	60,500	38,720	7,200	31	223,200	133,920
Rye	4,000	5	20,000	15,000	5,000	18	90,000	65,700
Flaxseed	4,800	2.25	10,800	19,980	6,900	11	75,900	132,825
Corn	10,000	10	100,000	92,000	8,000	22	176,000	126,720
Potatoes	400	50	20,000	24,000	500	14.5	72,500	47,125
Beans					700	19	13,300	39,900
Alfalfa Seed	50	2.6	150	2,025	25	3.0	75	975
All Tame Hay	9,000	1.40	12,600	132,300	19,000	2.0	38,000	319,200
Wild Hay	5,500	.82	4,500	42,750	12,200	1.25	15,200	114,000
Farm Gardens				41,000				50,700
Truck Crops				1,100				1,300
Other Crops				540				540

VALUE OF CROPS PRODUCED IN 1926 AND 1927 AND VALUE OF LIVESTOCK PRODUCTS MARKETED DURING 1926 AND 1927

	Value 1926	Value 1927
Crops	$1,220,895	$2,831,275
Livestock Marketed	935,100	854,700
Total Value	2,155,995	3,685,975

FERGUS COUNTY

CROP TABLE

	1926				1927			
CROP	Acreage	Acre Yield	Production	Value	Acreage	Acre Yield	Production	Value
Spring Wheat	172,000	15	2,580,000	2,915,400	180,000	20	3,600,000	3,492,000
Winter Wheat	56,000	14	784,000	838,880	63,000	24	1,512,000	1,391,040
All Wheat	288,000	14.8	3,364,000	3,754,280	243,000	14.9	5,112,000	4,883,040
Oats	28,000	27	756,000	400,680	26,000	35	910,000	400,400
Barley	6,100	29	176,800	113,152	7,900	32	252,800	151,680
Rye	4,000	12	48,000	36,000	5,000	18	90,000	65,700
Flaxseed	1,000	3.9	3,900	7,215	1,400	10.5	14,700	25,725
Corn	12,000	16	192,000	176,640	10,000	25	250,000	180,000
Potatoes	1,100	70	77,000	92,400	1,300	130	169,000	109,850
Beans	350	11	3,800	10,640	550	15	8,250	24,750
Seed Peas	150	20.7	3,100	6,200	100	21	2,100	4,410
Alfalfa Seed	200	4	800	10,800	100	2	200	2,600
All Tame Hay	74,000	1.30	96,200	1,010,100	74,000	2.0	148,000	1,243,200
Wild Hay	6,100	.65	4,000	38,000	11,500	1.00	11,500	86,250
Apples			50	60			50	65
Farm Gardens				100,000				123,700
Truck Crops				5,400				6,200
Other Crops				1,320				1,320

VALUE OF CROPS PRODUCED IN 1926 AND 1927 AND VALUE OF LIVESTOCK PRODUCTS MARKETED DURING 1926 AND 1927

	Value 1926	Value 1927
Crops	$5,762,887	$7,808,890
Livestock Marketed	3,228,400	2,952,100
Total Value	8,991,287	10,260,990

FLATHEAD COUNTY

CROP TABLE

CROP	1926 Acreage	1926 Acre Yield	1926 Production	1926 Value	1927 Acreage	1927 Acre Yield	1927 Production	1927 Value
Spring Wheat	25,000	12	300,000	339,000	26,000	21	546,000	529,620
Winter Wheat	8,000	14	112,000	119,840	10,000	27	270,000	248,400
All Wheat	33,000	12.5	412,000	458,840	36,000	22.7	816,000	778,020
Oats	8,000	26	208,000	110,240	8,000	40	320,000	140,800
Barley	7,000	24	168,000	107,520	10,000	33	330,000	198,000
Rye	700	9	6,300	4,725	500	18	9,000	6,570
Corn	1,000	11	11,000	10,120	1,000	25	25,000	18,000
Potatoes	2,900	93	269,700	323,640	3,200	140	448,000	291,200
Seed Peas	200	21	4,200	8,400	200	20	4,000	8,400
Alfalfa Seed	500	2.5	1,300	17,550	300	.83	250	3,250
Clover Seed				200	200	1.25	250	3,750
All Tame Hay	25,000	1.35	33,700	353,850	12,000	2.0	24,000	201,600
Wild Hay	5,000	.70	3,500	33,250	7,000	1.25	8,800	66,000
Apples			7,300	8,760			6,250	8,125
Farm Gardens				94,800				117,200
Truck Crops				25,500				29,400
Miscl. Fruits				2,000				2,200
Other Crops				1,260				1,260

VALUE OF CROPS PRODUCED IN 1926 AND 1927 AND VALUE OF LIVESTOCK PRODUCTS MARKETED DURING 1926 AND 1927

	Value 1926	Value 1927
Crops	$1,560,455	$1,873,775
Livestock Marketed	694,200	634,500
Total Value	2,254,655	2,508,275

GALLATIN COUNTY

CROP TABLE

CROP	1926 Acreage	1926 Acre Yield	1926 Production	1926 Value	1927 Acreage	1927 Acre Yield	1927 Production	1927 Value
Spring Wheat	47,000	23	1,081,000	1,221,530	52,000	25	1,300,000	1,261,000
Winter Wheat	33,000	23	759,000	812,130	41,000	28	1,148,000	1,056,160
All Wheat	80,000	23	1,840,000	2,033,660	93,000	26.3	2,448,000	2,317,160
Oats	15,000	38	570,000	302,100	13,000	60	780,000	343,200
Barley	9,200	33	303,600	194,304	11,000	34	374,000	224,400
Rye	3,000	22	66,000	49,500	2,500	20	50,000	36,500
Flaxseed					100	10	1,000	1,750
Corn	1,000	17	17,000	15,640				
Potatoes	1,200	110	132,000	158,400	1,400	150	210,000	136,500
Beans					200	22	4,400	13,200
Seed Peas	11,400	15.9	181,300	362,600	5,700	20	114,000	239,400
Canning Peas	228,000	cases @	$2.60	592,800	160,550	cases @	$2.50	401,375
Clover Seed					300	6.0	1,800	27,000
All Tame Hay	51,000	2.05	104,600	1,098,300	49,000	2.5	122,500	1,029,000
Wild Hay	600	1.00	600	5,700	1,000	1.30	1,300	9,750
Apples			1,000	1,200			850	1,105
Farm Gardens				108,600				134,300
Truck Crops				17,000				19,600
Miscl. Fruits				500				600
Other Crops				1,430				1,430

VALUE OF CROPS PRODUCED IN 1926 AND 1927 AND VALUE OF LIVESTOCK PRODUCTS MARKETED DURING 1926 AND 1927

	Value 1926	Value 1927
Crops	$4,941,734	$4,936,270
Livestock Marketed	1,503,500	1,374,300
Total Value	6,445,234	6,310,570

GARFIELD COUNTY

CROP TABLE

CROP	1926 Acreage	1926 Acre Yield	1926 Production	1926 Value	1927 Acreage	1927 Acre Yield	1927 Production	1927 Value
Spring Wheat	39,000	5.5	205,000	231,650	41,000	20	820,000	795,400
Winter Wheat	2,000	4	8,000	8,560	2,000	15	30,000	27,600
All Wheat	41,000	5.2	213,000	240,210	43,000	19.8	850,000	823,000
Oats	13,000	19	247,000	130,910	12,000	38	456,000	200,640
Barley	800	10	8,000	5,120	1,000	26	26,000	15,600
Rye	2,000	7	14,000	10,500	2,500	22	55,000	40,150
Flaxseed	9,600	4.1	38,900	71,965	13,700	10.3	141,100	246,925
Corn	16,000	6	96,000	88,320	14,000	21	294,000	211,680
Potatoes	500	38	19,000	22,800	600	120	72,000	46,800
Alfalfa Seed	1,900	2.9	4,900	66,150	925	1.0	925	12,025
All Tame Hay	25,000	1.10	27,500	288,750	24,000	1.6	38,403	322,560
Wild Hay	2,400	.35	800	7,600	5,400	1.15	6,200	46,500
Farm Gardens				85,400				105,600
Truck Crops				11,000				12,700
Other Crops				1,070				1,070

VALUE OF CROPS PRODUCED IN 1926 AND 1927 AND VALUE OF LIVESTOCK PRODUCTS MARKETED DURING 1926 AND 1927

	Value 1926	Value 1927
Crops	$1,029,795	$2,085,250
Livestock Marketed	1,417,900	1,296,000
Total Value	2,447,695	3,381,250

GLACIER COUNTY

CROP TABLE

CROP	1926 Acreage	1926 Acre Yield	1926 Production	1926 Value	1927 Acreage	1927 Acre Yield	1927 Production	1927 Value
Spring Wheat	21,000	8	168,000	189,840	22,000	15	330,000	320,100
All Wheat	21,000	8	168,000	189,840	22,000	15	330,000	320,100
Oats	4,000	25	100,000	53,000	4,000	40	160,000	70,400
Barley	800	25	20,000	12,800	1,000	30	30,000	18,000
Rye	1,000	10	10,000	7,500	1,300	20	26,000	18,980
Flaxseed	200	4.5	900	1,665	300	10	3,000	5,250
Potatoes	200	65	13,500	16,200	200	86	17,200	11,180
All Tame Hay	2,000	1.25	2,500	26,250	2,000	1.8	3,600	30,240
Wild Hay	13,400	.51	6,800	64,600	29,800	1.0	29,800	223,500
Farm Gardens				29,700				36,700
Other Crops				390				390

VALUE OF CROPS PRODUCED IN 1926 AND 1927 AND VALUE OF LIVESTOCK PRODUCTS MARKETED DURING 1926 AND 1927

	Value 1926	Value 1927
Crops	$ 401,945	$ 734,740
Livestock Marketed	1,125,800	1,029,000
Total Value	1,527,745	1,763,740

GOLDEN VALLEY COUNTY

CROP TABLE

CROP	1926 Acreage	1926 Acre Yield	1926 Production	1926 Value	1927 Acreage	1927 Acre Yield	1927 Production	1927 Value
Spring Wheat	38,000	6	228,000	257,640	40,000	22	880,000	853,600
Winter Wheat	18,000	9	162,000	173,340	22,000	15	330,000	303,600
All Wheat	56,000	7	390,000	430,980	62,000	19.5	1,210,000	1,157,200
Oats	8,000	20	160,000	84,800	7,000	36	252,000	110,880
Barley	1,700	30	51,000	32,640	2,200	30	66,000	39,600
Flaxseed	200	4.5	900	1,665	300	9.5	2,800	4,900
Corn	10,000	12	120,000	110,400	8,000	23	184,000	132,480
Potatoes	300	85	25,500	30,600	300	120	36,000	23,400
Beans	250	8	2,000	5,600	350	12	4,200	12,600
All Tame Hay	9,000	1.80	16,200	170,100	9,000	3.3	29,700	249,480
Wild Hay	1,800	.60	1,100	10,450	4,000	1.40	5,600	42,000
Farm Gardens				45,800				56,600
Other Crops				600				600

VALUE OF CROPS PRODUCED IN 1926 AND 1927 AND VALUE OF LIVESTOCK PRODUCTS MARKETED DURING 1926 AND 1927

	Value 1926	Value 1927
Crops	$ 923,635	$1,829,740
Livestock Marketed	548,600	501,400
Total Value	1,472,235	2,331,140

GRANITE COUNTY

CROP TABLE

CROP	1926 Acreage	1926 Acre Yield	1926 Production	1926 Value	1927 Acreage	1927 Acre Yield	1927 Production	1927 Value
Spring Wheat	1,000	15	15,000	16,950	1,000	19	19,000	18,430
Winter Wheat	1,000	20	20,000	21,400	1,000	21	21,000	19,320
All Wheat	2,000	17.5	35,000	38,350	2,000	20	40,000	37,750
Oats	2,000	28	56,000	29,680	2,000	50	100,000	44,000
Barley	1,700	30	51,000	32,640	2,100	35	73,500	44,100
Rye	100	19	1,900	1,425	100	21	2,100	1,533
Potatoes	400	90	36,000	43,200	500	150	75,000	48,750
Seed Peas	150	20.7	3,100	6,200	100	21	2,100	4,410
All Tame Hay	24,000	1.40	33,600	352,800	21,000	1.8	37,800	317,520
Wild Hay	1,800	.9	1,600	15,200	4,000	1.1	4,400	33,000
Apples			2,200	2,640			1,850	2,405
Farm Gardens				25,000				30,900
Truck Crops				900				1,000
Miscl. Fruits				1,000				1,100
Other Crops				330				330

VALUE OF CROPS PRODUCED IN 1926 AND 1927 AND VALUE OF LIVESTOCK PRODUCTS MARKETED DURING 1926 AND 1927

	Value 1926	Value 1927
Crops	$ 549,365	$ 566,798
Livestock Marketed	872,600	797,600
Total Value	1,421,965	1,364,398

HILL COUNTY

CROP TABLE

CROP	1926 Acreage	1926 Acre Yield	1926 Production	1926 Value	1927 Acreage	1927 Acre Yield	1927 Production	1927 Value
Spring Wheat	185,000	7	1,295,000	1,463,350	194,000	23	4,462,000	4,328,140
Winter Wheat	3,000	14	42,000	44,940	3,000	24	72,000	66,240
All Wheat	188,000	7.1	1,337,000	1,508,290	197,000	23	4,534,000	4,394,380
Oats	20,000	22	440,000	233,200	17,000	42	646,000	284,240
Barley	4,000	19	76,000	48,640	6,000	33	198,000	118,800
Rye	4,000	9	36,000	27,000	5,000	13.3	66,500	48,545
Flaxseed	1,900	4.5	8,600	15,910	2,800	10.8	30,200	52,850
Corn	10,000	9	90,000	82,800	5,000	18	90,000	64,800
Potatoes	700	65	45,500	54,600	800	130	104,000	67,600
Beans	250	10	2,500	7,000	300	18	5,400	16,200

All Tame Hay	12,000	1.50	18,000	189,000	12,000	2.3	27,600	231,840
Wild Hay	1,200	.40	500	4,750	2,700	1.37	3,700	27,750
Farm Gardens				123,000				152,600
Truck Crops				3,000				3,500
Other Crops				1,620				1,620

VALUE OF CROPS PRODUCED IN 1926 AND 1927 AND VALUE OF LIVESTOCK PRODUCTS MARKETED DURING 1926 AND 1927

	Value 1926	Value 1927
Crops	$2,298,810	$5,464,725
Livestock Marketed	1,148,200	1,049,500
Total Value	3,447,010	6,514,225

JEFFERSON COUNTY

CROP TABLE

	1926				1927			
CROP	Acreage	Acre Yield	Production	Value	Acreage	Acre Yield	Production	Value
Spring Wheat	9,000	23	207,000	233,910	9,000	23	207,000	200,790
Winter Wheat	5,000	20	100,000	107,000	5,000	21	110,000	101,200
All Wheat	14,000	21.9	307,000	340,910	14,000	22.6	317,000	301,990
Oats	2,000	32	64,000	33,920	2,000	28	56,000	24,640
Barley	1,700	35	59,500	38,080	2,200	40	88,000	52,800
Rye	3,000	14	42,000	31,500	3,800	20	76,000	55,480
Potatoes	700	90	63,000	75,600	800	145	116,000	75,400
Seed Peas	500	20.8	10,400	20,800	300	21	6,300	13,230
All Tame Hay	13,000	2.00	26,000	273,000	13,000	2.2	28,600	240,240
Wild Hay	6,700	1.20	8,100	76,950	14,900	2.00	29,800	223,500
Apples			1,400	1,680			1,200	1,560
Farm Gardens				50,800				62,300
Truck Crops				8,400				9,700
Miscl. Fruits				500				700
Other Crops				670				670

VALUE OF CROPS PRODUCED IN 1926 AND 1927 AND VALUE OF LIVESTOCK PRODUCTS MARKETED DURING 1926 AND 1927

	Value 1926	Value 1927
Crops	$ 952,810	$1,062,710
Livestock Marketed	465,600	425,600
Total Value	1,418,410	1,488,310

JUDITH BASIN COUNTY

CROP TABLE

	1926				1927			
CROP	Acreage	Acre Yield	Production	Value	Acreage	Acre Yield	Production	Value
Spring Wheat	95,000	17	1,615,000	1,824,950	100,000	23	2,300,000	2,231,000
Winter Wheat	34,000	12	408,000	436,560	42,000	20	840,000	772,800
All Wheat	129,000	15.7	2,023,000	2,261,510	142,000	22.1	3,140,000	3,003,800
Oats	9,000	36	324,000	171,720	8,000	39	312,000	137,280
Barley	4,900	31	152,000	97,280	6,000	35	210,000	126,000
Rye	2,000	14	28,000	21,000	2,500	20	50,000	36,500
Flaxseed	100	5.0	500	925	100	9.7	9,700	1,750
Corn	1,000	10	10,000	9,200	1,000	20	20,000	14,400
Potatoes	500	71	35,500	42,600	600	120	72,000	46,800
All Tame Hay	36,000	1.40	50,400	529,200	35,000	1.7	59,500	499,800
Wild Hay	7,300	.80	5,800	55,100	16,300	1.20	19,600	147,000
Farm Gardens				79,500				98,300
Truck Crops				700				800
Other Crops				1,050				1,050

VALUE OF CROPS PRODUCED IN 1926 AND 1927 AND VALUE OF LIVESTOCK PRODUCTS MARKETED DURING 1926 AND 1927

	Value 1926	Value 1927
Crops	$3,269,785	$4,113,480
Livestock Marketed	1,516,900	1,386,500
Total Value	4,786,685	5,499,980

LAKE COUNTY

CROP TABLE

	1926				1927			
CROP	Acreage	Acre Yield	Production	Value	Acreage	Acre Yield	Production	Value
Spring Wheat	18,000	14	252,000	284,760	19,000	19	361,000	350,170
Winter Wheat	22,000	17	374,000	400,180	27,000	24	648,000	596,160
All Wheat	40,000	15.7	626,000	684,940	46,000	21.9	1,009,000	946,330
Oats	7,000	27	189,000	107,170	7,000	45	315,000	138,600
Barley	2,500	28	70,000	44,800	3,200	35	112,000	67,200
Rye	900	15	13,500	10,125	1,100	16	17,600	12,848
Flaxseed	200	4.5	900	1,665	300	10	3,000	5,250
Corn	1,000	15	15,000	13,800	1,000	30	30,000	21,600
Potatoes	600	110	66,000	79,200	700	150	105,000	68,250
Beans	150	9	1,300	3,640	200	18	3,600	10,800
Seed Peas	2,100	21.8	45,800	91,600	1,000	21	21,000	44,100
Sugar Beets	50	10	500	4,045				
Alfalfa Seed	50	2.5	130	1,750	25	2.0	50	650
All Tame Hay	25,000	1.70	43,800	459,900	25,000	2.3	57,500	483,000
Wild Hay	1,200	.60	700	6,650	2,700	1.35	3,600	27,000
Apples			21,500	25,800			18,300	23,790
Farm Gardens				94,800				100,400
Truck Crops				5,200				6,000
Miscl. Fruits				1,000				1,100
Other Crops				1,070				1,070

VALUE OF CROPS PRODUCED IN 1926 AND 1927 AND VALUE OF LIVESTOCK PRODUCTS MARKETED DURING 1926 AND 1927

	Value 1926	Value 1927
Crops	$1,616,550	$1,957,988
Livestock Marketed	860,300	786,300
Total Value	2,476,850	2,744,288

LEWIS & CLARK COUNTY

CROP TABLE

	1926				1927			
CROP	Acreage	Acre Yield	Production	Value	Acreage	Acre Yield	Production	Value
Spring Wheat	12,000	21	252,000	284,760	14,000	20	280,000	271,600
Winter Wheat	4,000	17	68,000	72,760	4,000	25	100,000	92,000
All Wheat	16,000	20.0	320,000	357,520	18,000	21.1	380,000	363,600
Oats	5,000	39	195,000	103,350	5,000	39	195,000	85,800
Barley	1,700	35	59,500	38,080	2,200	34	74,800	44,880
Rye	2,500	9	22,500	116,875	3,200	18	57,600	42,048
Corn	1,000	9	9,000	8,280	1,000	20	20,000	14,400
Potatoes	1,500	85	127,500	153,000	1,700	123.2	209,400	136,110
Seed Peas	630	21.7	13,700	27,400	375	21	7,900	16,590
Sugar Beets					50	6.3	325	2,762
All Tame Hay	34,000	1.40	47,600	499,800	34,000	2.7	91,800	771,120
Wild Hay	12,800	.65	8,300	78,850	28,400	1.00	28,400	213,000
Apples			250	300			200	260
Farm Gardens				47,800				59,100
Truck Crops				4,600				5,300
Other Crops				630				630

VALUE OF CROPS PRODUCED IN 1926 AND 1927 AND VALUE OF LIVESTOCK PRODUCTS MARKETED DURING 1926 AND 1927

	Value 1926	Value 1927
Crops	$1,336,485	$1,755,600
Livestock Marketed	1,803,800	1,648,700
Total Value	3,140,285	3,404,300

LIBERTY COUNTY

CROP TABLE

	1926				1927			
CROP	Acreage	Acre Yield	Production	Value	Acreage	Acre Yield	Production	Value
Spring Wheat	53,000	7	371,000	419,230	56,000	16	896,000	869,120
All Wheat	53,000	7	371,000	419,230	56,000	16	896,000	869,120
Oats	3,000	21	63,000	33,390	3,000	45	135,000	59,400
Barley	800	22	17,600	11,264	1,000	40	40,000	24,000
Rye	200	8	1,600	1,200	200	20	4,000	2,920
Flaxseed	1,000	4.3	4,300	7,955	1,400	8.5	11,900	20,825
Corn	1,000	10	10,000	9,200	1,000	20	20,000	14,400
Potatoes	300	60	18,000	21,600	300	130	39,000	25,350
All Tame Hay	6,000	1.20	7,200	75,600	6,000	1.8	10,800	90,720
Wild Hay	1,800	.60	1,100	10,450	4,000	1.10	4,400	33,000
Farm Gardens				63,200				78,100
Other Crops				830				830

VALUE OF CROPS PRODUCED IN 1926 AND 1927 AND VALUE OF LIVESTOCK PRODUCTS MARKETED DURING 1926 AND 1927

	Value 1926	Value 1927
Crops	$ 653,919	$1,218,665
Livestock Marketed	528,600	483,200
Total Value	1,182,519	1,701,865

LINCOLN COUNTY

CROP TABLE

	1926				1927			
CROP	Acreage	Acre Yield	Production	Value	Acreage	Acre Yield	Production	Value
Spring Wheat	3,000	13	39,000	44,070	3,000	23	69,000	66,930
All Wheat	3,000	13	39,000	44,070	3,000	23	69,000	66,930
Oats	2,000	24	48,000	25,440	2,000	45	90,000	39,600
Barley	800	30	24,000	15,360	1,000	37	37,000	22,200
Rye	400	8	3,200	2,400	500	17	8,500	6,205
Potatoes	300	100	30,000	36,000	300	130	39,000	25,350
Tame Hay	12,000	1.45	17,400	182,700	12,000	2.3	27,600	231,840
Wild Hay	600	.67	400	3,800	1,300	1.25	1,600	12,000
Apples			1,100	1,320			900	1,170
Farm Gardens				50,000				61,800
Truck Crops				3,200				3,700
Miscl. Fruits				1,000				1,100
Other Crops				660				660

VALUE OF CROPS PRODUCED IN 1926 AND 1927 AND VALUE OF LIVESTOCK PRODUCTS MARKETED DURING 1926 AND 1927

	Value 1926	Value 1927
Crops	$ 365,950	$ 472,555
Livestock Marketed	272,400	249,000
Total Value	638,350	721.555

MADISON COUNTY

CROP TABLE

CROP	1926 Acreage	1926 Acre Yield	1926 Production	1926 Value	1927 Acreage	1927 Acre Yield	1927 Production	1927 Value
Spring Wheat	9,000	22	198,000	223,740	9,000	28	252,000	244,440
Winter Wheat	4,000	19	76,000	81,320	5,000	20	100,000	92,000
All Wheat	13,000	21.1	274,000	305,060	14,000	25.1	352,000	336,440
Oats	7,000	38	266,000	140,980	7,000	41	287,000	126,280
Barley	1,700	29	49,300	31,552	2,200	48	105,600	63,360
Rye	1,000	22	22,000	16,500	1,300	28	36,400	26,572
Flaxseed	100	3	300	555	100	12	1,200	2,100
Corn	1,000	12	12,000	11,040	1,000	22	22,000	15,840
Potatoes	900	120	108,000	129,600	900	120	108,000	70,200
Canning Peas	400	20.7	8,300	16,600	200	19	3,800	7,980
Alfalfa Seed	50	4	200	2,700	25	2.4	60	780
All Tame Hay	53,000	1.9	100,700	1,057,350	500	1.7	85,000	714,000
Wild Hay	12,800	1.0	12,800	121,600	28,400	1.0	28,400	213,000
Apples			1,100	1,320			900	1,170
Farm Gardens				61,000				75,400
Truck Crops				3,900				4,500
Miscl. Fruits				1,000				1,100
Other Crops				800				800

VALUE OF CROPS PRODUCED IN 1926 AND 1927 AND VALUE OF LIVESTOCK PRODUCTS MARKETED DURING 1926 AND 1927

	Value 1926	Value 1927
Crops	$1,901,557	$1,659,522
Livestock Marketed	1,373,500	1,255,400
Total Value	3,275,057	2,914,922

McCONE COUNTY

CROP TABLE

CROP	1926 Acreage	1926 Acre Yield	1926 Production	1926 Value	1927 Acreage	1927 Acre Yield	1927 Production	1927 Value
Spring Wheat	74,000	4	296,000	334,480	78,000	18	1,406,000	1,363,820
Winter Wheat	6,000	5	30,000	32,100	6,000	25	150,000	138,000
All Wheat	80,000	4.1	326,000	366,580	84,000	18.5	1,556,000	1,501,820
Oats	21,000	12	252,000	133,560	18,000	33	594,000	261,360
Barley	1,700	7	11,900	7,616	2,200	31	68,200	40,920
Rye	1,000	8	8,000	6,000	1,300	27	35,100	25,623
Flaxseed	16,400	2.7	44,100	81,585	23,600	9.8	231,200	404,600
Corn	15,000	7	105,000	96,600	14,000	21	294,000	211,680
Potatoes	300	35	10,500	12,600	300	130	39,000	25,350
All Tame Hay	19,000	.85	16,100	169,050	18,000	2.2	39,600	332,640
Wild Hay	4,900	.40	2,000	19,000	10,800	1.12	12,100	90,750
Farm Gardens				72,200				89,300
Truck Crops				1,500				1,700
Other Crops				950				950

VALUE OF CROPS PRODUCED IN 1926 AND 1927 AND VALUE OF LIVESTOCK PRODUCTS MARKETED DURING 1926 AND 1927

	Value 1926	Value 1927
Crops	$ 967,241	$2,986,693
Livestock Marketed	1,378,500	1,259,900
Total Value	2,345,741	4,246,593

MEAGHER COUNTY

CROP TABLE

CROP	1926 Acreage	1926 Acre Yield	1926 Production	1926 Value	1927 Acreage	1927 Acre Yield	1927 Production	1927 Value
Spring Wheat	6,000	17	102,000	115,260	6,000	18	108,000	104,760
Winter Wheat	1,000	20	20,000	21,400	1,000	25	25,000	23,000
All Wheat	7,000	17.4	122,000	136,660	7,000	19	133,000	127,760
Oats	3,000	38	114,000	60,420	3,000	40	120,000	52,800
Barley	2,500	33	82,500	52,800	3,200	35	112,000	67,200
Rye	300	20	6,000	4,500	300	23	6,900	5,037
Flaxseed	200	5	1,000	1,850	300	10	3,000	5,250
Potatoes	400	90	36,000	43,200	500	125	62,500	40,625
All Tame Hay	30,000	1.40	42,000	441,000	28,000	2.3	64,400	540,960
Wild Hay	9,600	1.00	9,600	91,200	21,700	1.10	23,900	179,250
Farm Gardens				25,000				30,900
Truck Crops				8,000				9,200
Other Crops				330				330

VALUE OF CROPS PRODUCED IN 1926 AND 1927 AND VALUE OF LIVESTOCK PRODUCTS MARKETED DURING 1926 AND 1927

	Value 1926	Value 1927
Crops	$ 864,960	$1,059,312
Livestock Marketed	1,169,100	1,068,600
Total Value	2,034,060	2,127,912

MINERAL COUNTY

CROP TABLE

CROP	1926 Acreage	1926 Acre Yield	1926 Production	1926 Value	1927 Acreage	1927 Acre Yield	1927 Production	1927 Value
Spring Wheat	1,000	14	14,000	15,820	1,000	20	20,000	19,400
All Wheat	1,000	14	14,000	15,820	1,000	20	20,000	19,400
Oats	2,000	27	58,000	30,740	2,000	52	104,000	45,760

Barley	800	35	28,000	17,920	1,000	42	42,000	25,200
Potatoes	200	90	18,000	21,600	200	160	32,000	20,800
All Tame Hay	2,000	1.40	2,800	29,400	2,000	1.8	3,600	30,240
Wild Hay	600	.9	500	4,750	1,300	1.1	1,400	10,500
Apples			4,600	5,520			3,900	5,070
Farm Gardens				20,000				24,700
Truck Crops				2.200				2,500
Miscl. Fruits				1,500				1,700
Other Crops				260				260

VALUE OF CROPS PRODUCED IN 1926 AND 1927 AND VALUE OF LIVESTOCK PRODUCTS MARKETED DURING 1926 AND 1927

	Value 1926	Value 1927
Crops	$ 149,710	$ 186,130
Livestock Marketed	129,000	117,900
Total Value	278,710	304,030

MISSOULA COUNTY

CROP TABLE

	1926				1927			
CROP	Acreage	Acre Yield	Production	Value	Acreage	Acre Yield	Production	Value
Spring Wheat	11,000	15	165,000	186,450	12,000	20	240,000	232,800
Winter Wheat	3,000	17	51,000	54,570	3,000	23	69,000	63,480
All Wheat	14,000	15.4	216,000	241,020	15,000	20.6	309,000	296,280
Oats	6,000	42	252,000	133,560	5,000	46	230,000	101,200
Barley	1,700	35	59,500	38,080	2,100	37	77,700	46,620
Rye	2,000	20	40,000	30,000	2,500	23	57,500	41,975
Potatoes	600	85	51,000	61,200	700	140	98,000	63,700
Beans					100	22	2,200	6,600
Seed Peas	850	20.8	17,700	35,400	200	24	4,800	10,080
All Tame Hay	20,000	2.1	42,000	441,000	21,000	2.3	48,300	405,720
Wild Hay	1,800	.8	1,400	13,300	4,000	1.0	4,000	30,000
Apples			57,500	69,000			49,000	63,700
Farm Gardens				73,000				90,300
Truck Crops				27,300				31,400
Miscl. Fruits				1,500				1,700
Other Crops				960				960

VALUE OF CROPS PRODUCED IN 1926 AND 1927 AND VALUE OF LIVESTOCK PRODUCTS MARKETED DURING 1926 AND 1927

	Value 1926	Value 1927
Crops	$1,155,320	$1,292,235
Livestock Marketed	775,800	709,100
Total Value	1,941,120	1,899,335

POWELL COUNTY

CROP TABLE

	1926				1927			
CROP	Acreage	Acre Yield	Production	Value	Acreage	Acre Yield	Production	Value
Spring Wheat	3,000	15	45,000	50,850	3,000	16	48,000	46,560
Winter Wheat	2,000	19	38,000	40,660	2,000	24	48,000	44,160
All Wheat	5,000	16.6	83,000	91,510	5,000	19.2	96,000	90,720
Oats	5,000	33	165,000	87,450	5,000	40	200,000	88,000
Barley	1,700	30	51,000	32,640	2,100	27	56,700	34,020
Rye	300	24	7,200	5,400	300	25	7,500	5,475
Potatoes	800	85	68,000	81,600	900	130	117,000	76,050
Beans					150	20	3,000	9,000
Seed Peas	150	20.7	3,100	6,200	100	20	2,000	4,200
All Tame Hay	41,000	1.3	53,300	559,650	39,000	2.99	81,400	683,720
Wild Hay	14,600	.95	13,900	132,050	32,500	1.50	48,700	365,250
Farm Gardens				38,000				47,000
Truck Crops				3,700				4,300
Miscl. Fruits				1,500				1,700
Other Crops				500				500

VALUE OF CROPS PRODUCED IN 1926 AND 1927 AND VALUE OF LIVESTOCK PRODUCTS MARKETED DURING 1926 AND 1927

	Value 1926	Value 1927
Crops	$1,040,200	$1,409,975
Livestock Marketed	1,058,300	967,300
Total Value	2,098,500	2,377,275

MUSSELSHELL COUNTY

CROP TABLE

	1926				1927			
CROP	Acreage	Acre Yield	Production	Value	Acreage	Acre Yield	Production	Value
Spring Wheat	44,000	5	220,000	248,600	46,000	19	874,000	847,780
Winter Wheat	16,000	7	112,000	119,840	20,000	21	420,000	386,400
All Wheat	60,000	5.5	332,000	368,440	66,000	19.6	1,294,000	1,234,180
Oats	9,000	13	117,000	62,010	8,000	35	280,000	123,200
Barley	1,700	20	34,000	21,760	2,200	24	52,800	31,680
Rye	2,000	10	20,000	15,000	2,500	22	55,000	40,150
Flaxseed	200	4	800	1,480	300	10	3,000	5,250
Corn	11,000	9	99,000	91,080	10,000	20	200,000	144,000
Potatoes	500	50	25,000	30,000	600	130	78,000	50,700
Beans	300	6	1,800	5,040	550	12	6,600	19,800
All Tame Hay	17,000	1.10	18,700	196,350	16,000	1.9	30,400	255,360
Wild Hay	1,200	.50	600	5,700	2,700	.75	2,000	15,000
Farm Gardens				55,000				68,000
Truck Crops				1,000				1,200
Other Crops				720				720

VALUE OF CROPS PRODUCED IN 1926 AND 1927 AND VALUE OF LIVESTOCK PRODUCTS MARKETED DURING 1926 AND 1927

	Value 1926	Value 1927
Crops	$ 853,580	$1,989,240
Livestock Marketed	1,352,800	1,236,500
Total Value	2,206,380	3,225,740

PARK COUNTY

CROP TABLE

CROP	1926 Acreage	1926 Acre Yield	1926 Production	1926 Value	1927 Acreage	1927 Acre Yield	1927 Production	1927 Value
Spring Wheat	20,000	25	500,000	565,000	21,000	26	546,000	529,620
Winter Wheat	2,000	15	30,000	32,100	2,000	25	50,000	46,000
All Wheat	22,000	24.1	530,000	597,100	23,000	25.9	596,000	575,620
Oats	7,000	40	280,000	148,400	7,000	60	420,000	184,800
Barley	5,000	33	165,000	105,600	6,500	34	221,000	132,600
Rye	300	15	4,500	3,375	300	20	6,000	4,380
Potatoes	700	125	87,500	105,000	800	150	120,000	78,000
Seed Peas	1,500	20.8	31,200	62,400	725	19	13,800	28,980
All Tame Hay	47,000	2.10	98,700	1,036,350	45,000	2.3	103,500	869,400
Wild Hay	1,800	1.00	1,800	17,100	4,000	1.20	4,800	36,000
Apples			2,450	2,940			2,100	2,730
Farm Gardens				69,400				85,800
Truck Crops				2,800				3,200
Miscl. Fruits				1,000				1,100
Other Crops				910				910

VALUE OF CROPS PRODUCED IN 1926 AND 1927 AND VALUE OF LIVESTOCK PRODUCTS MARKETED DURING 1926 AND 1927

	Value 1926	Value 1927
Crops	$2,152,375	$2,003,520
Livestock Marketed	1,545,400	1,412,500
Total Value	3,697,775	3,416,020

PETROLEUM COUNTY

CROP TABLE

CROP	1926 Acreage	1926 Acre Yield	1926 Production	1926 Value	1927 Acreage	1927 Acre Yield	1927 Production	1927 Value
Spring Wheat	9,000	5	45,000	50,850	11,000	17	187,000	181,390
All Wheat	9,000	5	45,000	50,850	11,000	17	187,000	181,390
Potatoes	100	60	6,000	7,200	100	100	10,000	6,500
Farm Gardens				38,000				47,000
Other Crops				500				500

VALUE OF CROPS PRODUCED IN 1926 AND 1927 AND VALUE OF LIVESTOCK PRODUCTS MARKETED DURING 1926 AND 1927

	Value 1926	Value 1927
Crops	$ 96,550	$ 235,390
Livestock Marketed	672,100	614,300
Total Value	768,650	849,690

PHILLIPS COUNTY

CROP TABLE

CROP	1926 Acreage	1926 Acre Yield	1926 Production	1926 Value	1927 Acreage	1927 Acre Yield	1927 Production	1927 Value
Spring Wheat	75,000	12	900,000	1,017,000	80,000	22	1,760,000	1,707,200
Winter Wheat	1,000	13	13,000	13,910	1,000	16	16,000	14,720
All Wheat	76,000	12	913,000	1,030,910	81,000	21.9	1,776,000	1,721,920
Oats	22,000	28	616,000	326,480	24,000	40	960,000	422,400
Barley	2,500	20	50,000	32,000	50,000	31	155,000	93,000
Rye	5,000	10	50,000	37,500	7,000	20	140,000	102,200
Flaxseed	2,900	5.3	15,500	28,675	4,600	10	46,000	80,500
Corn	22,000	12	264,000	242,880	10,000	23	230,000	165,600
Potatoes	400	90	36,000	43,200	600	150	90,000	58,500
Beans	300	5	1,500	4,200	300	10	3,000	9,000
Sugar Beets	700	9	6,300	50,965	550	9.25	5,075	43,138
Alfalfa Seed	1,100	2.42	2,660	35,100	250	1.7	425	5,525
Clover Seed					50	3.3	165	2,475
All Tame Hay	16,000	1.00	16,000	168,000	16,000	2.5	40,000	336,000
Wild Hay	15,100	.50	7,600	72,200	35,400	1.0	35,400	265,500
Farm Gardens				91,900				113,600
Truck Crops				3,200				3,700
Other Crops				1,220				1,220

VALUE OF CROPS PRODUCED IN 1926 AND 1927 AND VALUE OF LIVESTOCK PRODUCTS MARKETED DURING 1926 AND 1927

	Value 1926	Value 1927
Crops	$2,168,430	$3,424,278
Livestock Marketed	1,853,400	1,694,100
Total Value	4,021,830	5,118,378

PONDERA COUNTY

CROP TABLE

CROP	1926 Acreage	1926 Acre Yield	1926 Production	1926 Value	1927 Acreage	1927 Acre Yield	1927 Production	1927 Value
Spring Wheat	115,000	19	2,185,000	2,469,050	121,000	24	2,904,000	2,816,880
Winter Wheat	1,000	16	16,000	17,120	1,000	25	25,000	23,000
All Wheat	116,000	19	2,201,000	2,486,140	122,000	24	2,929,000	2,839,880
Oats	11,000	30	330,000	174,900	9,000	46	414,000	182,160
Barley	5,400	29	156,600	100,224	7,000	39	273,000	163,800

Rye	300	17	5,100	3,825	300	25	7,500	5,475
Flaxseed	1,000	4.3	4,300	7,955	1,400	10.5	14,700	25,725
Corn	3,000	11	33,000	30,360	3,000	21	63,000	45,360
Potatoes	800	105	84,000	100,800	800	140	112,000	72,800
Sugar Beets					50	7.0	350	2,975
All Tame Hay	17,000	1.70	28,900	303,450	15,000	1.6	24,000	201,600
Wild Hay	4,200	.50	2,100	19,950	9,400	1.00	9,400	70,500
Farm Gardens				74,500				92,100
Truck Crops				18,000				20,700
Other Crops				980				980

VALUE OF CROPS PRODUCED IN 1926 AND 1927 AND VALUE OF LIVESTOCK PRODUCTS MARKETED DURING 1926 AND 1927

	Value 1926	Value 1927
Crops	$3,321,114	$3,724,055
Livestock Marketed	879,100	803,500
Total Value	4,200,214	4,527,555

POWDER RIVER COUNTY

CROP TABLE

	1926				1927			
CROP	Acreage	Acre Yield	Production	Value	Acreage	Acre Yield	Production	Value
Spring Wheat	9,000	10	90,000	101,700	9,000	18	162,000	157,140
Winter Wheat	1,000	13	13,000	13,910	1,000	20	20,000	18,400
All Wheat	10,000	10.3	103,000	115,610	10,000	18.2	182,000	175,540
Oats	7,000	25	175,000	92,750	7,000	40	280,000	123,200
Barley	1,700	11	18,700	11,968	2,200	35	77,000	46,200
Rye	500	10	5,000	3,750	600	20	12,000	8,760
Flaxseed	1,000	3	3,000	5,550	1,400	10.2	14,300	25,025
Corn	8,000	12	96,000	88,320	7,000	26	182,000	131,040
Potatoes	500	81	40,500	48,600	600	125	75,000	48,750
Beans	900	9	8,100	22,680	1,300	12	15,600	46,800
Alfalfa Seed	6,400	2.9	18,900	255,150	3,150	1.5	4,725	61,425
All Tame Hay	31,000	1.5	46,500	488,250	30,000	1.5	45,000	378,000
Wild Hay	7,300	.95	7,000	66,500	16,300	1.1	17,900	134,250
Farm Gardens				54,200				67,000
Truck Crops				1,500				1,700
Other Crops				710				710

VALUE OF CROPS PRODUCED IN 1926 AND 1927 AND VALUE OF LIVESTOCK PRODUCTS MARKETED DURING 1926 AND 1927

	Value 1926	Value 1927
Crops	$1,255,538	$1,248,400
Livestock Marketed	1,442,200	1,318,200
Total Value	2,697,738	2,566,600

PRAIRIE COUNTY

CROP TABLE

	1926				1927			
CROP	Acreage	Acre Yield	Production	Value	Acreage	Acre Yield	Production	Value
Spring Wheat	61,000	3.5	214,000	241,820	64,000	13	832,000	807,040
Winter Wheat	4,000	5	20,000	21,400	4,000	14	56,000	51,520
All Wheat	65,000	3.6	234,000	263,220	68,000	13.1	888,000	858,560
Oats	11,000	13	143,000	75,790	10,000	32	320,000	140,800
Barley	800	6	4,800	3,072	1,000	30	30,000	18,000
Rye	400	6	2,400	1,800	500	16	8,000	5,840
Flaxseed	6,700	3.0	19,600	36,630	9,600	10.3	98,700	172,725
Corn	13,000	10	130,000	119,600	11,000	23	253,000	182,160
Potatoes	300	42	13,600	16,320	300	130	39,000	25,350
Beans	1,800	6	10,800	30,240	2,700	13	35,100	105,300
Alfalfa Seed	1,250	1.5	1,800	24,300	600	1.75	1,050	13,650
All Tame Hay	5,000	.70	3,500	36,750	5,000	2.1	10,500	88,200
Wild Hay	3,000	.35	1,100	10,450	6,700	1.10	7,400	55,500
Farm Gardens				39,400				48,700
Truck Crops				5,500				6,300
Other Crops				520				520

VALUE OF CROPS PRODUCED IN 1926 AND 1927 AND VALUE OF LIVESTOCK PRODUCTS MARKETED DURING 1926 AND 1927

	Value 1926	Value 1927
Crops	$ 663,592	$1,721,605
Livestock Marketed	1,311,900	1,119,100
Total Value	1,975,492	2,920,705

RAVALLI COUNTY

CROP TABLE

	1926				1927			
CROP	Acreage	Acre Yield	Production	Value	Acreage	Acre Yield	Production	Value
Spring Wheat	10,000	17	170,000	192,100	11,000	27	297,000	288,090
Winter Wheat	1,000	28	28,000	29,960	2,000	25	50,000	46,000
All Wheat	11,000	18	198,000	222,060	13,000	26.7	347,000	334,090
Oats	6,000	36	216,000	114,480	6,000	58	348,000	153,120
Barley	3,400	32	108,800	69,632	4,400	41	180,400	108,240
Rye	200	22	4,400	3,300	200	24	4,800	3,504
Corn	1,000	14	14,000	12,880	1,000	25	25,000	18,000
Potatoes	1,700	101	171,000	205,200	1,800	155	279,000	181,350
Seed Peas	1,200	24.75	29,700	59,400	875	21	18,400	38,640
Canning Peas	38,000	cases @	$2.60	98,800	27,000	cases @	$2.50	67,500
All Tame Hay	40,000	2.1	84,000	882,000	40,000	2.5	100,000	840,000
Wild Hay	1,200	1.0	1,200	11,400	2,700	1.25	3,400	25,500

Apples	191,600	229,920		163,300	212,290
Farm Gardens		81,000			100,900
Truck Crops		60,400			69,000
Miscl. Fruits		34,000			37,400
Other Crops		1,070			1,070

VALUE OF CROPS PRODUCED IN 1926 AND 1927 AND VALUE OF LIVESTOCK PRODUCTS MARKETED DURING 1926 AND 1927

	Value 1926	Value 1927
Crops	$2,035,542	$2,190,604
Livestock Marketed	1,403,300	1,282,600
Total Value	3,488,842	3,473,204

RICHLAND COUNTY

CROP TABLE

	1926				1927			
CROP	Acreage	Acre Yield	Production	Value	Acreage	Acre Yield	Production	Value
Spring Wheat	115,000	6	690,000	779,700	121,000	21	2,541,000	2,464,770
Winter Wheat	10,000	6	60,000	64,200	12,000	15	180,000	165,600
All Wheat	125,000	6	750,000	843,900	133,000	20.5	2,721,000	2,630,370
Oats	25,000	16	400,000	212,000	24,000	35	840,000	369,600
Barley	4,900	12	58,800	37,632	6,500	29	188,500	113,100
Rye	3,000	9	27,000	20,250	3,800	20	76,000	55,480
Flaxseed	9,600	3.1	30,200	55,870	13,700	10	137,000	239,750
Corn	22,000	11	242,000	222,640	20,000	27	540,000	388,800
Potatoes	700	50	35,000	42,000	800	135	108,000	70,200
Beans	2,300	9	20,700	57,960	3,300	13	42,900	128,700
Seed Peas	300	21.7	6,500	13,000	150	21	3,100	6,510
Sugar Beets	4,350	9.6	41,560	336,220	2,750	10	27,500	233,750
Alfalfa Seed	950	2.3	2,100	28,350	475	1.75	830	10,790
All Tame Hay	30,000	.9	27,000	283,500	30,000	1.7	51,000	428,400
Wild Hay	4,900	.30	1,500	14,250	10,800	.8	8,600	64,500
Farm Gardens				91,900				113,600
Truck Crops				8,500				9,800
Other Crops				1,210				1,210

VALUE OF CROPS PRODUCED IN 1926 AND 1927 AND VALUE OF LIVESTOCK PRODUCTS MARKETED DURING 1926 AND 1927

	Value 1926	Value 1927
Crops	$2,269,182	$4,864,560
Livestock Marketed	1,405,100	1,284,300
Total Value	3,674,282	6,148,860

ROOSEVELT COUNTY

CROP TABLE

	1926				1927			
CROP	Acreage	Acre Yield	Production	Value	Acreage	Acre Yield	Production	Value
Spring Wheat	146,000	10	1,460,000	1,649,000	152,000	17	2,601,000	2,522,970
Winter Wheat	4,000	10	40,000	42,800	4,000	16	64,000	58,880
All Wheat	150,000	10	1,500,000	1,692,600	156,000	17	2,665,000	2,581,850
Oats	28,000	25	700,000	371,000	25,000	35	875,000	385,000
Barley	2,500	19	47,500	30,500	3,200	26	83,200	49,920
Rye	7,000	14	98,000	73,500	9,000	15	135,000	98,550
Flaxseed	10,600	3.4	37,900	70,115	15,200	9.5	144,400	252,700
Corn	18,000	12	216,000	198,720	16,000	21	336,000	241,920
Potatoes	500	90	45,000	54,000	600	120	720,000	46,800
Beans	250	8	2,000	5,600	350	18	6,300	18,900
Alfalfa Seed	200	3.0	600	8,100	100	2.0	200	2,600
All Tame Hay	12,000	1.20	14,400	151,200	12,000	1.9	22,800	191,520
Wild Hay	14,500	.70	10,200	96,900	32,500	1.17	38,000	285,000
Farm Gardens				85,400				105,600
Truck Crops				7,500				8,600
Other Crops				1,120				1,120

VALUE OF CROPS PRODUCED IN 1926 AND 1927 AND VALUE OF LIVESTOCK PRODUCTS MARKETED DURING 1926 AND 1927

	Value 1926	Value 1927
Crops	$2,846,155	$4,270,080
Livestock Marketed	1,456,300	1,331,100
Total Value	4,302,455	5,601,180

ROSEBUD COUNTY

CROP TABLE

	1926				1927			
CROP	Acreage	Acre Yield	Production	Value	Acreage	Acre Yield	Production	Value
Spring Wheat	43,000	5	215,000	242,950	45,000	19	855,000	829,350
Winter Wheat	12,000	9	108,000	115,560	15,000	15	225,000	207,000
All Wheat	55,000	5.9	323,000	358,510	60,000	18	1,080,000	1,036,350
Oats	12,000	13	156,000	82,680	11,000	39	429,000	188,760
Barley	1,700	8.2	13,900	8,896	2,200	29	63,800	38,280
Rye	3,000	8	24,000	18,000	3,800	21	79,800	58,254
Flaxseed	1,000	3.4	3,400	6,290	1,400	10	14,000	24,500
Corn	19,000	10	190,000	174,800	18,000	27	486,000	349,920
Potatoes	600	50	30,000	36,000	700	138	96,600	62,790
Beans	4,400	8	35,200	98,560	5,750	15.7	90,000	270,000
Sugar Beets	300	11.1	3,330	26,940	800	12	9,600	81,600
Alfalfa Seed	1,100	2.8	3,100	41,850	550	2.25	1,225	15,925
All Tame Hay	25,000	1.1	27,500	288,750	25,000	2.2	55,000	462,000
Wild Hay	9,000	.7	6,300	59,850	20,300	1.15	23,300	174,750

Farm Gardens			47,500					58,700
Truck Crops			17,500					20,200
Other Crops			620					620

VALUE OF CROPS PRODUCED IN 1926 AND 1927 AND VALUE OF LIVESTOCK PRODUCTS MARKETED DURING 1926 AND 1927

	Value 1926	Value 1927
Crops	$1,266,746	$2,842,649
Livestock Marketed	1,913,400	1,748,900
Total Value	3,180,146	4,591,549

SANDERS COUNTY

CROP TABLE

	1926				1927			
CROP	Acreage	Acre Yield	Production	Value	Acreage	Acre Yield	Production	Value
Spring Wheat	3,000	17	51,000	57,630	3,000	24	72,000	69,840
Winter Wheat	1,000	20	20,000	21,400	1,000	23	23,000	21,160
All Wheat	4,000	17.8	71,000	79,030	4,000	23.7	95,000	91,000
Oats	2,000	27	54,000	28,620	2,000	46	92,000	40,480
Barley	1,700	29	84,100	53,824	2,200	37	81,400	48,840
Rye	300	8	2,400	1,800	300	17	5,100	3,722
Corn	1,000	10	10,000	9,200	1,000	25	25,000	18,000
Potatoes	500	85	42,500	51,000	600	130	78,000	50,700
Alfalfa Seed	500	3.0	1,500	20,500	200	2.8	560	7,280
All Tame Hay	16,000	1.70	27,200	285,600	15,000	2.2	33,000	277,200
Wild Hay	600	80	500	4,750	1,300	1.15	1,500	11,250
Apples			9,100	10,920			7,800	10,140
Farm Gardens				76,000				94,000
Truck Crops				4,300				5,000
Miscl. Fruits				1,000				1,100
Other Crops				1,000				1,000

VALUE OF CROPS PRODUCED IN 1926 AND 1927 AND VALUE OF LIVESTOCK PRODUCTS MARKETED DURING 1926 AND 1927

	Value 1926	Value 1927
Crops	$ 627,294	$ 659,712
Livestock Marketed	1,092,400	998,500
Total Value	1,719,694	1,658,212

SHERIDAN COUNTY

CROP TABLE

	1926				1927			
CROP	Acreage	Acre Yield	Production	Value	Acreage	Acre Yield	Production	Value
Spring Wheat	222,000	13	2,886,000	3,261,180	231,000	19	4,389,000	4,257,330
Winter Wheat	1,000	12	12,000	12,840	2,000	15	30,000	27,690
All Wheat	223,000	13	2,898,000	3,274,020	233,000	19	4,419,000	4,284,930
Oats	41,000	27	1,107,000	586,710	38,000	37	1,406,000	618,640
Barley	4,200	25	105,000	67,200	5,500	23	126,500	75,900
Rye	7,000	14	98,000	73,500	8,700	16	139,200	101,616
Flaxseed	25,200	5.8	147,000	271,950	36,000	10.5	378,000	661,500
Corn	14,000	11	154,000	141,680	12,000	24	288,000	207,360
Potatoes	500	95	47,500	57,000	800	110	88,000	57,200
Beans	250	8	2,000	5,600	300	18	5,400	16,200
Alfalfa Seed	150	2.0	300	4,050	75	2.0	150	1,950
All Tame Hay	16,000	1.10	17,600	184,800	15,000	1.6	24,000	201,600
Wild Hay	8,500	.6	5,100	48,450	22,500	.75	16,600	124,500
Farm Gardens				98,500				121,800
Truck Crops				1,500				1,700
Other Crops				1,300				1,300

VALUE OF CROPS PRODUCED IN 1926 AND 1927 AND VALUE OF LIVESTOCK PRODUCTS MARKETED DURING 1926 AND 1927

	Value 1926	Value 1927
Crops	$4,816,260	$6,476,196
Livestock Marketed	852,300	779,200
Total Value	5,668,560	7,255,396

SILVER BOW COUNTY

CROP TABLE

	1926				1927			
CROP	Acreage	Acre Yield	Production	Value	Acreage	Acre Yield	Production	Value
Oats	2,000	35	70,000	37,100	2,000	50	100,000	44,000
Rye	1,000	15	15,000	11,250	1,300	27	35,100	25,623
Potatoes	300	90	27,000	32,400	300	90	27,000	17,550
All Tame Hay	5,000	2.0	10,000	105,000	5,000	1.9	9,500	79,800
Wild Hay	3,000	.8	2,400	22,800	6,700	1.1	7,400	55,500
Farm Gardens				12,000				14,800
Truck Crops				7,400				8,500
Other Crops				160				160

VALUE OF CROPS PRODUCED IN 1926 AND 1927 AND VALUE OF LIVESTOCK PRODUCTS MARKETED DURING 1926 AND 1927

	Value 1926	Value 1927
Crops	$ 228,110	$ 245,933
Livestock Marketed	554,300	506,600
Total Value	782,410	752,533

STILLWATER COUNTY

CROP TABLE

CROP	1926 Acreage	1926 Acre Yield	1926 Production	1926 Value	1927 Acreage	1927 Acre Yield	1927 Production	1927 Value
Spring Wheat	77,000	15	1,155,000	1,305,150	75,000	21	1,575,000	1,527,750
Winter Wheat	31,000	14	434,000	464,380	35,000	23	805,000	740,600
All Wheat	108,000	14.7	1,589,000	1,769,530	110,000	21.6	2,380,000	2,268,350
Oats	12,000	24	288,000	152,640	13,000	38	494,000	217,360
Barley	5,000	25	125,000	80,000	6,500	38	247,000	148,200
Rye	1,000	11	11,000	8,250	1,200	20	24,000	17,520
Flaxseed	300	4.3	1,300	2,405	400	11	4,400	7,700
Corn	6,000	15	90,000	82,800	7,000	20	140,000	100,800
Potatoes	600	90	54,000	64,800	700	135	94,500	61,425
Beans	2,000	12	24,000	67,200	400	25	10,000	30,000
Seed Peas	300	21.7	6,500	13,000	100	30	3,000	6,300
Sugar Beets	1,100	11	12,100	97,890	1,400	13	18,200	154,700
Alfalfa Seed	50	2.4	120	1,620	150	5.0	750	9,750
Clover Seed					800	6.0	4,800	72,000
All Tame Hay	31,000	1.6	49,600	520,800	33,000	1.8	59,400	498,960
Wild Hay	1,800	.95	1,700	16,150	4,000	1.3	5,200	39,000
Apples			1,800	2,160			1,550	2,015
Farm Gardens				98,000				121,200
Truck Crops				5,800				6,700
Misc. Fruits				500				600
Other Crops				1,290				1,290

VALUE OF CROPS PRODUCED IN 1926 AND 1927 AND VALUE OF LIVESTOCK PRODUCTS MARKETED DURING 1926 AND 1927

	Value 1926	Value 1927
Crops	$2,984,835	$3,763,870
Livestock Marketed	1,432,400	1,309,300
Total Value	4,417,235	5,073,170

SWEETGRASS COUNTY

CROP TABLE

CROP	1926 Acreage	1926 Acre Yield	1926 Production	1926 Value	1927 Acreage	1927 Acre Yield	1927 Production	1927 Value
Spring Wheat	28,000	17	476,000	537,880	30,000	21	630,000	611,100
Winter Wheat	4,000	15.25	61,030	65,270	4,000	22	88,000	80,960
All Wheat	32,000	16.8	537,000	603,150	34,000	21.1	718,000	692,060
Oats	8,000	45	360,000	190,809	8,000	43	344,000	151,360
Barley	800	33	26,400	16,896	1,000	38	38,000	22,800
Rye	1,000	15	15,000	11,250	1,300	16	20,800	15,184
Corn	1,000	15	15,000	13,800	1,000	22	22,000	15,840
Potatoes	300	120	36,000	43,200	300	155	46,500	30,225
All Tame Hay	38,000	2.0	76,000	798,000	37,000	2.3	85,100	714,840
Wild Hay	3,000	.9	2,700	25,650	6,800	1.1	7,500	56,250
Apples			1,700	2,040			1,450	1,885
Farm Gardens				67,400				83,300
Truck Crops				300				300
Other Crops				890				890

VALUE OF CROPS PRODUCED IN 1926 AND 1927 AND VALUE OF LIVESTOCK PRODUCTS MARKETED DURING 1926 AND 1927

	Value 1926	Value 1927
Crops	$1,773,376	$1,784,934
Livestock Marketed	1,737,000	1,587,600
Total Value	3,510,376	3,372,534

TETON COUNTY

CROP TABLE

CROP	1926 Acreage	1926 Acre Yield	1926 Production	1926 Value	1927 Acreage	1927 Acre Yield	1927 Production	1927 Value
Spring Wheat	132,000	22	2,904,000	3,281,520	139,000	26	3,614,000	3,505,580
Winter Wheat	3,000	20	60,000	64,200	3,000	22	66,000	60,720
All Wheat	135,000	22	2,964,000	3,345,720	142,000	25.9	3,680,000	3,566,300
Oats	12,000	42	504,000	267,120	10,000	45	450,000	198,000
Barley	3,400	31	105,400	67,456	4,200	36	151,200	90,720
Rye	2,000	16	32,000	24,000	2,500	20	50,000	36,500
Flaxseed	200	4.5	900	1,665	300	9.5	2,800	4,900
Corn	2,000	13	26,000	23,920	2,000	25	50,000	36,000
Potatoes	500	90	45,000	54,000	500	130	65,000	42,250
Alfalfa Seed	50	2.6	140	1,890	25	3.0	75	975
All Tame Hay	17,000	2.0	34,000	357,000	16,000	1.6	22,400	188,160
Wild Hay	16,500	1.00	16,500	156,750	36,500	1.25	45,600	342,000
Farm Gardens				100,200				123,900
Truck Crops				1,400				1,600
Other Crops				1,320				1,320

VALUE OF CROPS PRODUCED IN 1926 AND 1927 AND VALUE OF LIVESTOCK PRODUCTS MARKETED DURING 1926 AND 1927

	Value 1926	Value 1927
Crops	$4,402,441	$4,632,625
Livestock Marketed	1,006,700	920,200
Total Value	5,409,141	5,552,825

TOOLE COUNTY

CROP TABLE

CROP	1926 Acreage	1926 Acre Yield	1926 Production	1926 Value	1927 Acreage	1927 Acre Yield	1927 Production	1927 Value
Spring Wheat	54,000	8	431,000	487,030	57,000	20	1,140,000	1,105,800
All Wheat	54,000	8	431,000	487,030	57,000	20	1,140,000	1,105,800
Oats	6,000	19	114,000	60,420	6,000	40	240,000	105,600
Barley	1,700	15	25,500	16,320	2,200	35	77,000	46,200
Rye	1,000	8	8,000	6,000	1,300	20	26,000	18,900
Flaxseed	200	5.0	1,000	1,850	300	9.0	2,700	4,725
Corn	2,000	9.0	18,000	16,560	2,000	22	44,000	31,680
Potatoes	300	75	22,500	27,000	300	135	40,500	26,325
All Tame Hay	5,000	15.0	7,500	78,750	5,000	1.8	9,000	75,600
Wild Hay	2,400	.60	1,400	13,300	5,400	1.15	6,200	46,500
Farm Gardens				62,400				77,100
Truck Crops				600				700
Other Crops				820				820

VALUE OF CROPS PRODUCED IN 1926 AND 1927 AND VALUE OF LIVESTOCK PRODUCTS MARKETED DURING 1926 AND 1927

	Value 1926	Value 1927
Crops	$ 771,050	$1,540,030
Livestock Marketed	920,600	841,500
Total Value	1,691,650	2,381,530

TREASURE COUNTY

CROP TABLE

CROP	1926 Acreage	1926 Acre Yield	1926 Production	1926 Value	1927 Acreage	1927 Acre Yield	1927 Production	1927 Value
Spring Wheat	15,000	9	117,000	132,210	14,000	22	308,000	298,760
Winter Wheat	7,000	9	63,000	67,410	9,000	20	180,000	165,600
All Wheat	20,000	9	180,000	199,620	23,000	21.2	488,000	464,360
Oats	4,000	25	100,000	53,000	4,000	50	200,000	88,000
Barley	1,700	17	28,900	18,496	2,200	28	61,600	36,960
Rye	1,000	8	8,000	6,000	1,300	20	26,000	18,980
Flaxseed	300	3.3	1,000	1,850	400	10.5	4,200	7,350
Corn	4,000	10	40,000	36,800	3,000	21	81,000	58,320
Potatoes	300	90	27,000	32,400	300	140	42,000	27,300
Beans	500	9	4,500	12,600	700	13	9,100	27,300
Sugar Beets	1,850	12	22,200	179,595	1,500	12	18,000	153,000
Alfalfa Seed	1,100	2.9	3,200	43,200	550	2.25	1,225	15,925
All Tame Hay	12,000	1.5	18,000	189,000	12,000	2.3	27,600	231,840
Wild Hay	600	.6	400	3,800	1,300	1.75	2,300	17,250
Farm Gardens				19,700				24,300
Truck Crops				800				900
Other Crops				260				260

VALUE OF CROPS PRODUCED IN 1926 AND 1927 AND VALUE OF LIVESTOCK PRODUCTS MARKETED DURING 1926 AND 1927

	Value 1926	Value 1927
Crops	$ 797,121	$1,172,043
Livestock Marketed	579,300	529,500
Total Value	1,376,421	1,701,545

VALLEY COUNTY

CROP TABLE

CROP	1926 Acreage	1926 Acre Yield	1926 Production	1926 Value	1927 Acreage	1927 Acre Yield	1927 Production	1927 Value
Spring Wheat	147,000	13	1,911,000	2,159,430	162,000	20	3,240,000	3,142,800
Winter Wheat	2,000	13	26,000	27,820	4,000	18	72,000	66,240
All Wheat	149,000	13	1,937,000	2,187,250	166,000	20	3,312,000	3,209,040
Oats	38,000	27	1,026,000	543,780	29,000	35	1,015,000	446,600
Barley	4,800	23	110.400	70,656	6,000	25	150,000	90,000
Rye	2,000	12.5	25,000	18,750	2,500	15	37,500	27,376
Flaxseed	11,600	6.0	69,200	128,020	18,800	10	188,000	329,000
Corn	15,000	9.0	135,000	124,200	12,000	25	300,000	216,000
Potatoes	600	90	54,000	64,800	700	100	70,000	45,500
Beans	400	6	2,400	6,720	350	20	7,000	21,000
Sugar Beets	450	8.5	3,825	30,950	75	6	450	3,825
Alfalfa Seed	2,200	2.4	5,300	71,550	300	1.0	300	3,900
Clover Seed					50	7.0	350	5,250
All Tame Hay	21,000	1.2	25,200	264,600	23,000	2.3	52,900	444,360
Wild Hay	11,500	.75	8,600	81,700	15,100	1.20	17,500	131,250
Farm Gardens				124,900				154,500
Truck Crops				6,800				7,800
Other Crops				1,640				1,640

VALUE OF CROPS PRODUCED IN 1926 AND 1927 AND VALUE OF LIVESTOCK PRODUCTS MARKETED DURING 1926 AND 1927

	Value 1926	Value 1927
Crops	$3,726,316	$5,137,041
Livestock Marketed	2,140,500	1,956,500
Total Value	5,866,816	7,093,541

WHEATLAND COUNTY

CROP TABLE

CROP	1926 Acreage	1926 Acre Yield	1926 Production	1926 Value	1927 Acreage	1927 Acre Yield	1927 Production	1927 Value
Spring Wheat	38,000	11	418,000	472,340	40,000	13	520,000	504,400
Winter Wheat	2,000	15	30,000	32,100	2,000	15	30,000	27,600
All Wheat	40,000	11.2	448,000	504,440	42,000	13.1	550,000	532,000
Oats	7,000	28	196,000	103,880	7,000	38	266,000	117,040
Barley	800	28	22,400	14,336	1,000	30	30,000	18,000
Rye	600	9	5,400	4,050	800	20	16,000	11,680
Flaxseed	100	4	400	740	100	10	1,000	1,750
Corn	2,000	10	20,000	18,400	2,000	21	42,000	130,240
Potatoes	300	60	18,000	21,600	300	100	30,000	19,500
Seed Peas	200	22	4,400	8,800	150	20	3,000	6,300
All Tame Hay	20,000	1.25	25,000	262,500	18,000	1.7	30,400	255,360
Wild Hay	3,000	.54	1,600	15,200	6,700	1.30	8,700	65,250
Farm Gardens				42,800				52,900
Other Crops				560				560

VALUE OF CROPS PRODUCED IN 1926 AND 1927 AND VALUE OF LIVESTOCK PRODUCTS MARKETED DURING 1926 AND 1927

	Value 1926	Value 1927
Crops	$ 997,306	$1,110,580
Livestock Marketed	1,451,100	1,326,300
Total Value	2,448,406	2,436,880

WIBAUX COUNTY

CROP TABLE

CROP	1926 Acreage	1926 Acre Yield	1926 Production	1926 Value	1927 Acreage	1927 Acre Yield	1927 Production	1927 Value
Spring Wheat	58,000	3.5	203,000	229,390	61,000	12	732,000	710,040
Winter Wheat	6,000	6	36,000	38,520	7,000	12	84,000	77,280
All Wheat	64,000	3.7	239,000	267,910	68,000	12.0	816,000	787,320
Oats	14,000	12	168,000	89,040	12,000	40	480,000	211,200
Barley	4,200	9	37,800	24,190	5,600	32	179,200	107,520
Rye	500	6	3,000	2,250	600	16	9,600	7,008
Flaxseed	7,700	2.7	20,800	38,480	11,000	9.5	104,500	182,875
Corn	6,000	10	60,000	55,200	5,000	19	95,000	68,400
Potatoes	400	40	16,000	19,200	500	145	72,500	47,125
All Tame Hay	10,000	.80	8,000	84,000	10,000	2.3	23,000	193,200
Wild Hay	600	.35	2,100	19,950	1,300	100	1,300	9,750
Farm Gardens				32,900				40,600
Truck Crops				600				700
Other Crops				430				430

VALUE OF CROPS PRODUCED IN 1926 AND 1927 AND VALUE OF LIVESTOCK PRODUCTS MARKETED DURING 1926 AND 1927

	Value 1926	Value 1927
Crops	$ 634,152	$1,656,128
Livestock Marketed	690,100	630,700
Total Value	1,324,252	2,286,828

YELLOWSTONE COUNTY

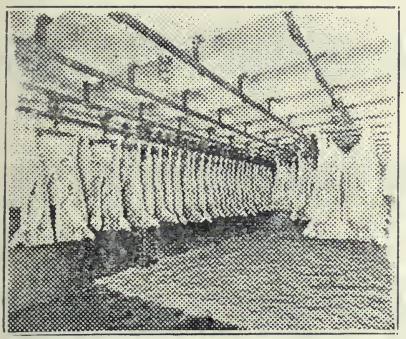
CROP TABLE

CROP	1926 Acreage	1926 Acre Yield	1926 Production	1926 Value	1927 Acreage	1927 Acre Yield	1927 Production	1927 Value
Spring Wheat	63,000	12	756,000	854,280	66,000	22	1,452,000	1,408,440
Winter Wheat	39,000	9	351,000	375,570	48,000	25	1,200,000	1,104,000
All Wheat	102,000	10.9	1,107,000	1,229,850	114,000	23.3	2,652,000	2,512,440
Oats	17,000	27	459,000	243,270	16,000	45	800,000	352,000
Barley	4,500	20	90,000	57,600	5,500	36	198,000	118,800
Rye	2,000	9	18,000	13,500	2,500	18	45,000	32,850
Flaxseed	1,000	4.3	4,300	7,955	1,400	8	11,200	19,600
Corn	23,000	11	253,000	232,760	20,000	24	480,000	345,600
Potatoes	1,100	116	127,600	153,120	1,400	147	205,800	133,770
Beans	17,000	11	187,000	523,600	21,950	17.9	393,150	1,179,450
Seed Peas					200	20	4,000	8,400
Sugar Beets	14,550	11.2	162,960	1,318,345	14,000	12.1	169,400	1,439,900
Alfalfa Seed	200	3.5	700	9,450	500	3.0	1,500	19,500
Clover Seed					900	7.7	6,920	103,800
All Tame Hay	40,000	1.95	78,000	819,000	40,000	2.4	96,000	806,400
Wild Hay	1,200	1.00	1,200	11,400	4,000	1.10	4,400	33,000
Apples			3,600	4,320			3,100	4,030
Farm Gardens				167,400				207,500
Truck Crops				41,000				47,200
Miscl. Fruits				500				700
Other Crops				2,220				2,220

VALUE OF CROPS PRODUCED IN 1926 AND 1927 AND VALUE OF LIVESTOCK PRODUCTS MARKETED DURING 1926 AND 1927

	Value 1926	Value 1927
Crops	$4,835,290	$7,367,160
Livestock Marketed	3,318,000	3,034,000
Total Value	8,153,290	10,401,160

LIVESTOCK SECTION



Montana Meat Packing Plant.

In spite of higher prices for most classes of livestock in 1927, Montana livestock men received a smaller total income from their products last year than for 1926. The total livestock income for 1927 is estimated at $67,049,000 as compared with an estimated income of $74,451,000 in 1926. All items of livestock income showed decreased values with the exception of small increases in the cash value of milk and dairy products and horses.

Cattle and horse numbers on Montana farms on January 1, 1928, continued to decline, while numbers of sheep and hogs were increased over the previous year. Numbers of mules were estimated to be the same as at the beginning of 1927.

TOTAL LIVESTOCK INCOME

Year	Total Value
1924	$50,131,000
1925	65,855,000
1926	73,351,000
1927	67,049,000

COUNTY LIVESTOCK INCOME

In the belief that estimates by counties of value of farm sales of livestock and its products would be interesting and valuable to Montana agriculturists the following tables have been prepared for this publication. These estimates have not been published in detail before, only the totals for all classes of livestock and livestock products being shown. However, tentative county estimates by items have been made each year since 1923 and compared annually with such check data in form of marketing records, shipments, etc., as became available after the estimates were made.

This comparison has shown that such relative inaccuracies as have occurred have not been serious enough to destroy the value of the county item estimates for general comparative purposes especially as a relative measure of change from year to year.

VALUE OF FARM SALES, OF LIVESTOCK AND LIVESTOCK PRODUCTS 1926

DISTRICT & COUNTY	Cattle	Sheep	Hogs	Wool	Dairy Products	Poultry	Honey	Horses	Total
NORTHWESTERN									
Flathead	94,000	199,000	43,000	13,000	252,100	83,500	7,600	2,000	694,200
Lincoln	62,000	6,000	26,000	15,000	94,800	63,500	4,100	1,000	272,400
Lake	221,000	119,000	103,000	29,000	322,000	56,400	5,900	4,000	860,300
Sanders	431,000	325,000	12,000	31,000	213,500	73,600	5,300	1,000	1,092,400
NORTH CENTRAL									
Blaine	882,000	364,000	125,000	480,000	214,000	84,000	7,000	6,000	2,162,000
Chouteau	600,000	538,000	56,000	180,000	222,500	120,000	10,600	7,000	1,734,100
Glacier	545,000	387,000	8,000	150,000	3,700	25,200	2,900	4,000	1,125,800
Hill	503,000	120,000	81,000	75,000	242,800	110,000	9,400	7,000	1,148,200
Liberty	362,000	19,000	4,000	44,000	62,500	30,200	2,900	4,000	528,600
Pondera	247,000	108,000	27,000	184,000	202,100	96,700	5,300	9,000	879,100
Teton	315,000	226,000	9,000	155,000	198,600	92,100	7,000	4,000	1,006,700
Toole	571,000	27,000	17,000	149,000	102,300	46,200	4,100	4,000	920,600
NORTHEASTERN									
Daniels	148,000	27,000	77,000	25,000	148,300	62,900	6,500	7,000	501,700
Phillips	858,000	338,000	85,000	255,000	197,700	101,300	9,400	9,000	1,853,400
Roosevelt	976,000	86,000	124,000	5,000	166,200	82,300	8,800	8,000	1,456,300
Sheridan	299,000	46,000	52,000	35,000	287,100	114,800	9,400	9,000	852,300
Valley	1,072,000	305,000	81,000	300,000	249,600	109,100	11,800	12,000	2,140,500
WEST CENTRAL									
Deer Lodge	38,000	66,000	5,000	20,000	48,600	24,100	600	900	203,200
Granite	552,000	112,000	12,000	65,000	93,000	36,400	1,200	1,000	872,600
Mineral	27,000	59,000	4,000	5,000	23,700	9,100	600	600	129,000
Missoula	257,000	199,000	47,000	5,000	197,000	64,600	4,700	1,500	775,800
Powell	248,000	212,000	34,000	355,000	165,600	39,400	2,300	2,000	1,058,300
Ravalli	366,000	152,000	98,000	81,000	623,200	74,600	6,500	2,000	1,403,300
CENTRAL									
Broadwater	287,000	86,000	34,000	88,000	101,400	41,400	2,900	1,000	641,700
Cascade	851,000	969,000	26,000	345,000	350,400	99,800	8,200	10,000	2,659,400
Fergus	1,562,000	418,000	236,000	315,000	513,400	161,600	12,400	10,000	3,228,400
G. Valley	254,000	22,000	17,000	50,000	125,500	75,600	3,500	1,000	548,600
Jefferson	167,000	34,000	10,000	10,000	189,700	48,800	4,100	2,000	465,600
J. Basin	556,000	391,000	38,000	205,000	215,900	103,300	4,700	3,000	1,516,900
L. &. C.	723,000	404,000	17,000	356,000	226,800	70,900	4,100	2,000	1,803,800
Meagher	326,000	278,000	7,000	445,000	69,500	41,400	1,200	1,000	1,169,100
Musselshell	824,000	186,000	73,000	43,000	129,900	91,400	3,500	2,000	1,352,800
Petroleum	509,000	90,000	65,000	*	5,800	*	2,300	*	672,100
Wheatland	611,000	438,000	14,000	268,000	67,400	47,200	3,500	2,000	1,451,100
EAST CENTRAL									
Dawson	1,165,000	99,000	137,000	45,000	214,600	98,400	7,600	9,000	1,775,600
Garfield	708,000	106,000	90,000	273,000	122,300	98,800	8,800	11,000	1,417,900
McCone	773,000	165,000	128,000	103,000	116,100	74,400	7,000	12,000	1,378,500
Prairie	776,000	199,000	98,000	82,000	95,900	52,500	3,500	5,000	1,311,900
Richland	776,000	86,000	197,000	19,000	225,900	85,400	8,800	7,000	1,405,100
Wibaux	389,000	34,000	76,000	9,000	118,100	56,500	3,500	4,000	690,100
SOUTHWESTERN									
Beaverhead	1,620,000	1,281,000	47,000	580,000	149,900	59,400	4,700	8,000	3,750,000
Madison	245,000	305,000	64,000	470,000	206,200	74,600	4,700	4,000	1,373,500
Silver Bow	284,000	119,000	5,000	13,000	117,900	13,200	1,200	1,000	554,300

SOUTH CENTRAL									
Carbon	139,000	279,000	145,000	150,000	260,800	146,000	7,000	5,000	1,131,800
Gallatin	498,000	152,000	278,000	75,000	357,300	131,300	5,900	6,000	1,503,500
Park	346,000	531,000	103,000	271,000	202,800	86,100	3,500	2,000	1,545,400
Stillwater	525,000	285,000	90,000	173,000	225,400	123,000	7,000	4,000	1,432,400
Sweet Grass	346,000	768,000	30,000	360,000	163,100	63,800	4,100	2,000	1,737,000
Yellowstone	1,266,000	1,095,000	142,000	211,000	398,600	185,000	12,400	8,000	3,318,000
SOUTHEASTERN									
Big Horn	956,000	133,000	90,000	170,000	128,900	89,700	9,400	8,000	1,584,000
Carter	621,000	218,000	103,000	389,000	131,500	68,700	4,700	5,000	1,540,900
Custer	1,088,000	358,000	90,000	112,000	108,600	84,700	3,500	6,000	1,850,800
Fallon	529,000	19,000	128,000	50,000	147,500	52,300	5,300	4,000	935,100
Powder River	641,000	478,000	86,000	101,000	59,200	65,500	6,500	5,000	1,442,200
Rosebud	777,000	484,000	64,000	372,000	101,000	104,700	4,700	6,000	1,913,400
Treasure	373,000	40,000	38,000	46,000	50,800	25,600	2,900	3,000	579,300
STATE TOTAL	$31,185,000	$14,590,000	$3,896,000	$8,855,000	$10,028,000	$4,221,000	$311,000	$265,000	$73,351,000

* No estimate made; reliable data not available.

VALUE OF FARM SALES OF LIVESTOCK AND LIVESTOCK PRODUCTS 1927

DISTRICT & COUNTY	Cattle	Sheep	Hogs	Wool	Dairy Products	Poultry	Honey & Wax	Horses	Total
NORTHWESTERN									
Flathead	88,000	173,000	30,000	10,000	242,100	82,800	6,600	2,000	634,500
Lincoln	59,000	6,000	18,000	11,000	87,500	63,000	3,500	1,000	249,000
Lake	208,000	104,000	72,000	22,000	315,200	56,000	5,100	4,000	786,300
Sanders	405,000	284,000	9,000	24,000	197,900	73,000	4,600	1,000	998,500
NORTH CENTRAL									
Blaine	829,000	318,000	88,000	365,000	280,700	83,300	6,100	6,000	1,976,100
Chouteau	562,000	468,000	39,000	137,000	243,800	119,100	9,100	7,000	1,585,000
Glacier	517,000	341,000	7,000	115,000	17,500	25,000	2,500	4,000	1,029,000
Hill	470,000	104,000	57,000	57,000	273,300	109,100	8,100	7,000	1,049,500
Liberty	340,000	17,000	3,000	34,000	52,700	30,000	2,500	4,000	483,200
Pondera	230,000	92,000	18,000	140,000	214,000	95,900	4,600	9,000	803,500
Teton	296,000	197,000	6,000	118,000	201,700	91,400	6,100	4,000	920,200
Toole	537,000	24,000	12,000	114,000	101,200	45,800	3,500	4,000	841,500
NORTHEASTERN									
Daniels	139,000	24,000	54,000	19,000	147,500	62,400	5,600	7,000	458,500
Phillips	806,000	295,000	60,000	195,000	220,500	100,500	8,100	9,000	1,694,100
Roosevelt	917,000	75,000	87,000	4,000	160,800	81,700	7,600	8,000	1,331,100
Sheridan	281,000	41,000	36,000	27,000	263,200	113,900	8,100	9,000	779,200
Valley	1,008,000	266,000	57,000	229,000	266,100	108,200	10,200	12,000	1,956,500
WEST CENTRAL									
Deer Lodge	36,000	57,000	3,000	15,000	49,400	23,900	500	900	185,700
Granite	518,000	98,000	9,000	50,000	84,500	36,100	1,000	1,000	797,600
Mineral	25,000	51,000	3,000	4,000	24,800	9,000	500	600	117,900
Missoula	241,000	173,000	33,000	4,000	188,500	64,100	4,000	1,500	709,100
Powell	233,000	185,000	24,000	271,000	211,200	39,100	2,000	2,000	967,300
Ravalli	344,000	133,000	69,000	62,000	593,000	74,000	5,600	2,000	1,282,600

CENTRAL									
Broadwater	269,000	75,000	24,000	67,000	106,900	41,100	2,500	1,000	586,500
Cascade	799,000	845,000	18,000	263,000	389,700	99,000	7,100	10,000	2,430,800
Fergus	1,468,000	364,000	166,000	241,000	531,800	160,600	10,700	10,000	2,952,100
G. Valley	237,000	17,000	12,000	38,000	118,400	75,000	3,000	2,000	501,400
Jefferson	157,000	29,000	7,000	8,000	170,700	48,400	3,500	2,000	425,600
J. Basin	522,000	341,000	27,000	157,000	230,000	102,500	4,000	3,000	1,386,500
L. & Clark	679,000	353,000	12,000	272,000	256,900	70,300	3,500	2,000	1,648,700
Meagher	306,000	242,000	3,000	339,000	135,500	41,100	1,000	1,000	1,068,600
Musselshell	774,000	162,000	51,000	33,000	120,800	90,700	3,000	2,000	1,236,500
Petroleum	481,000	81,000	48,000	*	300	*	2,000	2,000	614,300
Wheatland	573,000	382,000	9,000	205,000	105,500	46,800	3,000	2,000	1,326,300
EAST CENTRAL									
Dawson	1,094,000	87,000	96,000	34,000	198,700	97,600	6,600	9,000	1,622,900
Garfield	665,000	92,000	63,000	208,000	151,400	98,000	7,600	11,000	1,296,000
McCone	726,000	144,000	90,000	79,000	129,000	73,800	6,100	12,000	1,259,900
Prairie	730,000	173,000	69,000	63,000	104,000	52,100	3,000	5,000	1,199,100
Richland	730,000	75,000	138,000	15,000	227,000	84,700	7,600	7,000	1,284,300
Wibaux	365,000	29,000	54,000	7,000	112,600	56,100	3,000	4,000	630,700
SOUTHWESTERN									
Beaverhead	1,523,000	1,117,000	33,000	442,000	243,600	58,900	4,000	8,000	3,429,500
Madison	230,000	266,000	45,000	359,000	273,400	74,000	4,000	4,000	1,255,400
Silver Bow	266,000	104,000	3,000	10,000	108,500	13,100	1,000	1,000	506,600
SOUTH CENTRAL									
Carbon	131,000	243,000	102,000	115,000	287,500	144,900	6,100	5,000	1,034,500
Gallatin	468,000	133,000	195,000	57,000	379,900	130,300	5,100	6,000	1,374,300
Park	325,000	463,000	72,000	207,000	255,100	85,400	3,000	2,000	1,412,500
Stillwater	493,000	249,000	63,000	132,000	240,200	122,000	6,100	4,000	1,309,300
Sweet Grass	325,000	670,000	21,000	275,000	227,800	63,300	3,500	2,000	1,587,600
Yellowstone	1,191,000	954,000	99,000	161,000	426,700	183,600	10,700	8,000	3,034,000
SOUTHEASTERN									
Big Horn	898,000	116,000	63,000	130,000	135,700	89,000	8,100	8,000	1,447,800
Carter	584,000	190,000	72,000	297,000	188,200	68,200	4,000	5,000	1,408,400
Custer	1,022,000	312,000	63,000	86,000	115,700	84,000	3,000	6,000	1,691,700
Fallon	497,000	17,000	90,000	38,000	152,200	51,900	4,600	4,000	854,700
Powder River	602,000	417,000	60,000	77,000	86,600	65,000	5,600	5,000	1,318,200
Rosebud	730,000	422,000	45,000	284,000	154,000	103,900	4,000	6,000	1,748,900
Treasure	350,000	35,000	27,000	35,000	51,600	25,400	2,500	3,000	529,500
STATE TOTAL	$29,299,000	$12,725,000	$2,734,000	$6,761,000	$10,807,000	$4,188,000	$268,000	$267,000	$67,049,000

* No estimate made; reliable data not available.

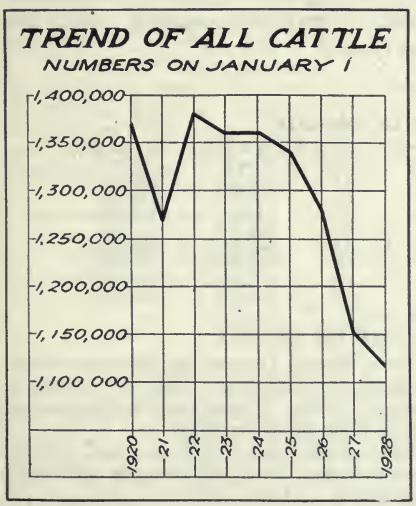
CLASSIFICATION OF MONTANA LIVESTOCK JANUARY 1, 1870-1928

YEAR	Milk Cows	Other Cattle	All Cattle	Horses	Sheep	Swine	Mules
1870	12,400†	24,000†	36,400	5,300†	2,000†	2,600†	500†
1880	11,500†	162,000†	173,500	36,000†	185,000†	10,500†	900†
1883	14,000	590,000	604,000	39,900	405,000	17,000	900
1884	14,200	672,000	686,800	45,900	466,000	17,500	1,000
1885	23,000	615,000	638,000	105,000	625,000	19,000	2,800
1886	25,300	725,700	751,000	120,700	719,000	19,000	8,900
1887	29,000	812,800	841,800	129,000	755,000	20,000	9,200
1888	31,000	934,500	965,500	187,000	1,265,000	22,000	5,500
1889	31,400	962,600	993,900	200,000	1,391,000	23,000	5,300
1890	33,000	981,800	1,014,800	216,000	1,990,000	29,000	2,400
1891	34,000	932,700	966,700	152,000	2,089,000	35,000	1,800
1892	35,700	1,026,000	1,061,700	197,000	2,089,000	35,000	1,200
1893	36,400	1,036,000	1,072,400	207,000	2,528,000	39,000	1,200
1894	36,400	1,057,000	1,093,000	197,000	2,781,000	39,000	900
1895	39,000	1,078,000	1,117,000	198,000	2,809,000	46,000	900
1896	42,000	1,154,000	1,196,000	183,000	3,061,000	52,000	900
1897	43,000	1,177,000	1,220,000	175,000	3,123,000	51,000	900
1898	42,700	1,082,000	1,510,000	171,800	3,248,000	47,000	900
1899	44,000	953,000	997,000	165,000	3,378,000	42,300	1,000
1900	48,500†	926,500†	975,000†	347,000†	6,170,000†	50,000†	2,800†
1901	49,400	960,200	1,009,600	302,000	6,417,000	47,000	3,400
1902	50,000	998,000	1,048,000	275,000	5,081,000	49,000	3,400
1903	52,400	1,048,000	1,101,000	246,600	5,120,000	51,700	3,400
1904	53,900	1,059,000	1,112,900	244,000	5,270,000	54,800	3,400
1905	55,000	1,048,000	1,103,000	236,800	5,639,000	57,600	3,400
1906	61,600	965,000	1,026,000	239,000	5,752,000	59,900	3,600
1907	66,000	916,300	982,300	292,000	5,637,000	62,900	4,000
1908	69,000	879,000	948,000	292,000	5,524,000	66,000	4,000
1909	75,000	905,000	980,000	304,000	5,634,000	68,000	5,000
1910	80,000	842,000	922,000	319,000	5,747,000	75,000	5,000
1911	80,000*	818,000*	898,000	344,000	5,230,000*	124,000	4,500*
1912	91,000	732,000	823,000	350,000*	4,926,000*	145,000*	5,000*
1913	95,000	950,000*	845,000	385,000*	4,675,000*	168,000*	5,500*
1914	104,000	826,000*	930,000	440,000*	3,850,000*	187,000*	6,000*
1915	114,000	836,000*	950,000	485,000*	3,340,000*	245,000*	6,500*
1916	125,000*	1,035,000*	1,170,000	520,000*	3,020,000*	270,000*	7,000*
1917	140,000*	1,114,000*	1,254,000	580,000*	2,670,000*	260,000*	7,500*
1918	150,000*	1,310,000*	1,460,000	640,000*	2,380,000*	202,000*	8,500*
1919	163,000*	1,447,000*	1,610,000	720,000*	2,530,000*	180,000*	9,000*
1920	178,000	1,192,000	1,370,000	669,000	2,450,000	167,000	9,000
1921	181,000	1,088,000	1,269,000	669,000	2,328,000	160,000	9,000
1922	185,000	1,195,000	1,380,000	650,000	2,561,000	180,000	10,000
1923	192,000	1,168,000	1,360,000	643,000	2,408,000	225,000	10,000
1924	209,000	1,151,000	1,360,000	611,000	2,480,000	292,000	11,000
1925	223,000	1,117,000	1,340,000	596,000	2,579,000	280,000	11,000
1926	225,000	1,055,000	1,280,000	576,000	2,880,000	250,000	11,000
1927	216,000	936,000	1,152,000	547,000	3,053,000	240,000	11,000
1928	209,000	908,000	1,117,000	536,000	3,206,000	264,000	11,000

NOTE: Many earlier estimates were made to exact figures. In the above table figures have been rounded to even thousands or even hundreds.

† Based upon Census Data.

* Tentative Revisions. All other figures are United States Department of Agriculture Estimates.



CATTLE

All classes of cattle except beef cows, steers, and bulls showed a decrease in numbers from the previous year on January 1, 1928, and all classes showed a decrease from the numbers reported on January 1, 1926. Numbers of all cattle are now reported at the lowest mark since 1915.

High prices were received for good beef in 1927, encouraging sales of many cattle that ordinarily would have been kept for breeding stock. On the other hand, high prices for breeding stock has exerted a discouraging effect on the building up of herds.

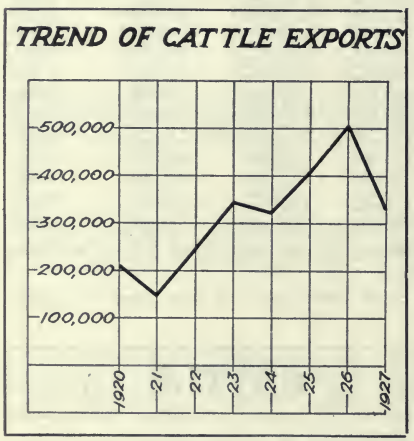
CLASSIFICATION OF MONTANA CATTLE

CLASS	Jan. 1, 1925	Jan. 1, 1926	Jan. 1, 1927	Jan. 1, 1928
Cows & Heifers 2-yrs. and over, for milk	187,000	190,000	181,000	175,000
Heifers, 1-2 yrs. for milk	36,000	35,000	35,000	34,000
Heifer Calves For Milk	37,000	37,000	38,000	30,000
Cows & Heifers, 2 yrs. and over, not for milk	420,000	410,000	340,000	357,000
Heifers, 1-2 yrs. old not for milk	120,000	110,000	90,000	80,000
All steers	195,000	141,000	110,000	130,000
All bulls	22,000	23,000	20,000	22,000
All calves except heifers	323,000	334,000	338,000	289,000
TOTAL CATTLE	1,340,000	1,280,000	1,152,000	1,117,000

BEEF CATTLE IN MONTANA

Since 1870 the trend of beef production in Montana is indicated by the trends in numbers of cattle, other than milk cows, as estimated by the U. S. Division of Crop and Livestock Estimates as of January 1st each year since the year 1870. This data is summarized as follows:

YEAR	Number on Farms (Head)
1870	24,000
1880	162,000
1883-1889 Seven Year Average	773,000
1890-1899 Ten Year Average	1,048,000
1900-1909 Ten Year Average	970,000
1910-1919 Ten Year Average	971,000
1920-1924 Five Year Average	1,148,000
1925	1,117,000
1926	1,055,000
1927	936,000
1928	908,000



ANALYSIS OF CATTLE EXPORTS 1920-1926

A study of the records of the state office of Brand Inspection shows that there were more cows than steers shipped out of the state in 1926, probably for the first time. The reason was the forced sales of 1926 of many cows that ordinarily would have been kept for breeding stock, due to feed shortage in many parts of the state. An increase is noted in percentage of sales of calves, resulting from the same cause.

CLASSIFICATION CATTLE EXPORTS

YEAR	Steers (%)	Cows (%)	Calves (%)	Bulls (%)	Total Classes (Head)	Total Exports (Head)
1920	54.5	40.7	3.1	1.7	190,614	211,000
1921	78.5	16.9	3.4	1.2	111,739	147,000
1922	65.2	29.3	4.0	1.5	217,821	246,000
1923	55.0	37.2	6.0	2.0	258,040	343,000
1924	58.0	35.0	5.0	2.0	266,678	321,000
1925	51.4	41.1	5.7	1.7	335,408	407,000
1926	44.7	45.4	8.6	1.3	402,608	504,000
1927	52.2	41.9	4.5	1.4	254,755	330,000

CATTLE MARKETINGS LOWER IN 1927

During the calendar year of 1927, the state Brand Inspection Records show that 330,262 head of cattle including all classes were shipped from the state, a decrease of about 35 per cent from marketings in 1926. These export shipments, however, were greater than any year preceding 1924 back to 1919.

Had not the state inventories of cattle been depleted to such a great extent in the winter of 1926-27, the higher beef prices during the 1927 season undoubtedly would have encouraged more extensive shipping of beef stock.

A PERSPECTIVE OF THE CATTLE SITUATION

While cyclical swings in the profitableness of the cattle industry are generally accepted phenomena, their existence is often overlooked and their possibilities as guides to production on part of the range breeder are seldom appreciated by many cattlemen who might be in a position to adjust their breeding power profitably to these swings.

Since records have been available the cattle industry has been subject to high and low periods of production, prices and of purchasing power. The time between periods of small supplies or between the peaks of high prices has averaged from 14 to 16 years.

Following the low point in market supplies in 1914 the high prices and war demands for beef greatly stimulated production and at the end of the war potential production was at a peak. Since 1921 with slaughter exceeding production as a result of low prices there has been a steady tendency to reduce herds. As early as in 1925 the turn in the cycle had become apparent. In January 1926 this department made the following prediction:

Montana cattlemen in common with those of the rest of the country have seen cattle prices working through a slow cycle reaching comparatively low prices in recent years. Cattle prices are now generally believed to be in the upward swing of that cycle with the peak still several years in the future. Marketings of range cattle in 1926 are expected to be materially less (than in 1925) but the number of grain finished cattle may be larger. A marked decrease in steers, not grass fed, and feeders, is indicated and calf slaughter in 1926 is expected to be less than in 1925.

Drought during 1926 forced more range cattle to market from the northwestern and north central states than was anticipated as a normal turn-off. The only effect of this situation on the general outlook as was stated at the beginning of the year was to hasten the time when short market supplies would have a marked effect on price. This occurred during the last half of 1927 and carried prices even higher than was expected. With the advance in cattle prices occurring without a general increase in the whole price structure of other commodities, the gain to cattlemen was substantial. In other words the higher cattle prices were accompanied by an increase in purchasing power of the cattle dollar.

The general situation now in the cattle industry is one wherein considerable re-stocking will be necessary before any material increase in marketings can take place. In fact some further reduction in market supplies may result in the next year or two as stock is held back for increasing breeding in response to the high prices of the cycle.

In the national outlook it was stated that beef cattle for slaughter and as stockers and feeders seeemed reasonably certain to meet a market in 1928 that will average higher than in 1927. In fact, depending upon the attitude of beef producers with respect to restocking, the lowest market supplies of the present cycle may be two years away, which, other things being equal, would mean that the highest average prices may not be realized this side of 1929.

As regards production it is to be expected that the trend of production will be gradually upward for several years to come. As this situation becomes a factor in market supplies, prices may be expected to gradually turn downwards. Looking beyond the high point, therefore, of the present cycle, Montana cattlemen should in their more distant plans, have in mind the recurring nature of such situations in the cattle industry out of which they have just come.

MONTANA DAIRY INDUSTRY IN 1927

(By B. F. Thrailkill, Chief of the Dairy Division
Dept. Agriculture, Labor & Industry)

The manufacture of butter in Montana has increased from 14,178,938 pounds in the year 1924 to 16,534,892 pounds in 1927. The manufacture of cheese in 1924 was 934,065 pounds and in 1927 was 1,556,539 pounds, while the manufacture of ice cream increased from 564,676 gallons in 1924 to 741,804 gallons in 1927. Converted into the equivalent of whole milk sold by farmers for manufacture in the state the year 1924 shows 356,157.900 pounds of whole milk sold for manufacture against 419,956,000 pounds so sold and processed in 1927.

These figures alone would indicate the substantial gain in importance of the dairy industry in the state during the past four years although the gain in manufactured dairy products does not necessarily mean that there has been a corresponding increase in the total production of milk, since the proportion of the total milk produced that is sold for manufacture may vary itself from year to year.

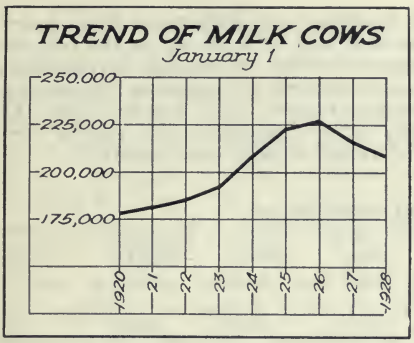
However, estimates of the state-federal crop reporting service as to the numbers of cows kept for milk and the numbers milked each year furnish valuable indications that the gain in manufactured dairy products has partly come about through an expansion in the dairy industry itself during the past four years. From the number of 167,967 cows milked in 1924 as enumerated by the federal census of agriculture the estimate of the state-federal crop reporting service shows 173,000 cows milked in 1927. Although the 1927 number milked fell slightly below the numbers milked in both 1925 and 1926 due to the heavy marketings of old cows with the high 1927 meat prices, it is noted from the milk production reports of the crop reporters that there has been a steady gain in the average production of milk per cow each year since 1924. This indicates "better" dairying which is fully as important in a young state like Montana as is "more dairying."

Reliable statistics relative to dairy production beyond the statistics of manufacture and shipments which are actual records are difficult to obtain except in form of estimates. On the other hand it is essential that all possible statistics relative to dairy production be assembled if we are to intelligently analyze and evaluate its development. With this thought in mind the state dairy division has been cooperating with the state-federal crop and livestock estimating service with a view of securing the best possible estimates relative to dairy production. Out of this work in the past four years we have been able to make some measure of the total dairy industry of the state from year to year. In the following table the estimates of total milk production are arrived at through estimates of the number of milk cows and heifers two years old and over on hand at the end of each year together with the estimates of the number milked and the average yearly production per cow. These yearly estimates are based on the census enumeration of 1924 of the actual number of cows milked and the total production of milk in that year. The amount of milk used on farms either for making butter or as fluid milk was actually enumerated by the census in 1924. The difference between these totals should then check with the amount of milk manufactured in state creameries and shipped out by farmers to plants outside the state.

In the table following it will be noted that beginning with 1926 there has been a rather marked decline in the amount of milk or its equivalent sent out of Montana to outside milk plants. With much of this milk originating in eastern Montana the dry season of 1926 probably accounts for most of this decrease. In 1927 in this area it is not believed that milk cow numbers were restored sufficiently following the 1926 sales, to prevent a further decrease in shipments of butterfat and cream from eastern Montana to outside plants for manufacture. Out of a total milk production in the state in 1927 that was slightly less than in 1926, creameries and other processors of dairy products within the state increased their out-put over 1926 indicating that the Montana dairy producer is now favoring his local market more strongly than before.

	1924 (census)	1925 (Final est.)	1926 (Revised)	1927 (Prelim. est.)
No. cows Dec. 31	174,000	192,000	181,000	175,000
No. Cows Milked	167,967	176,300	175,000	173,000
Prod. per Cow (gals.)	436	433	438	441,000
Total Production (gals.)	72,233,612	76,208,000	76,650,000	76,293,000
Total Production (lbs.)	629,809,063	655,388,800	667,790,000	656,120,000
Milk used on Farms (lbs.)				
For making Butter	131,308,200	131,400,000	130,500,000	131,100,000
As fluid Milk	85,835,063	86,100,000	85,200,000	85,800,000
Milk Sold on Farms (lbs.)	412,665,690	437,888,800	452,090,000	439,220,000
Butter Fat Basis	299,564,800	317,924,800	336,900,000	318,620,000
Cream Basis	61,847,870	65,480,000	67,120,000	66,100,000
Whole Milk	51,253,020	54,484,000	56,104,000	54,500,000
Equivalent Whole Milk Manufactured in State (lbs.)*	365,157,950	378,342,000	414,263,000	419,956,000
As Butter	343,731,800	358,942,000	393,417,703	400,806,000
As Cheese	8,193,550	13,892,000	15,804,000	13,586,000
As Ice Cream	4,232,600	5,708,000	5,042,000	5,564,000
Apparent Export from State by Farmers, Pounds Equivalent	56,507,740	59,546,600	37,828,000	19,264,000

* Records of the State Dairy Division converted to pounds whole milk equivalent.



If Montana is to continue the development of her dairy industry and continue the expansion of her manufacture of dairy products, it must be for export. In fact Montana is already a surplus producing state and is now facing the problem of competing in the export markets on a quality basis. States now competing with Montana in these markets are taking steps leading to compulsory cream grading to assure the higher quality of finished product necessary if their exports to outside markets are to make profitable returns to their producers. Whatever these states do in the way of compulsory cream grading, Montana will be forced to do if she is to hold and develop her outside markets.

The past year has also witnessed the establishment of the first official cream testing district in the Bitter Root valley where such work is now done by the state dairy division in cooperation with Ravalli county creameries.

For a little more than a year the state dairy division has been cooperating with the federal dairy division of the United States Bureau of Agricultural Economics in the matter of securing quarterly reports of creamery production. Realizing the importance of such information, the Montana dairy division has undertaken to secure this information monthly with the result that it is the first dairy state cooperating with the federal department to secure such statistics on a monthly basis.

MANUFACTURED DAIRY PRODUCTS

(From records of the state dairy division)

	1924	1925	1926	1927
Butter, lbs.	14,178,938	14,807,836	16,230,062	16,534,892
Cheese, lbs.	934,065	1,561,027	1,810,053	1,556,539
Ice Cream, gals.	564,676	761,638	672,724	741,804

SHIPMENTS OF MONTANA BUTTER TO CALIFORNIA MARKETS IN PAST FOUR YEARS

MARKET	Butter lbs. 1924	Butter lbs. 1925	Butter lbs. 1926	Butter lbs. 1927
Los Angeles	.....	.....	1,934,838	1,047,534
San Francisco	770,000	1,896,000	2,331,098	2,172,866
Total	770,000	1,896,000	4,265,936	3,220,400

ESTIMATES OF DAIRY PRODUCTION 1927

Total estimated production of Montana dairymen in 1927 as estimated jointly by the state dairy division and the state-federal crop reporting service was the equivalent of 19,881,700 pounds of butterfat compared with 20,235,400 pounds revised estimate of 1926; 21,628,000 pounds in 1925 and 20,784,000 pounds in 1924. Estimated farm value of this production was $9,364,000 in 1927 compared with $9,065,000 in 1926; $8,603,000 in 1925 and $7,282,000 in 1924.

MILK COWS IN MONTANA

JANUARY 1	Cows & Heifers 2 yrs. and over kept for milk	Heifers 1-2 yrs. kept for milk	Total
1920	148,000	30,000	178,000
1921	148,000	33,000	181,000
1922	155,000	30,000	185,000
1923	162,000	30,000	192,000
1924	174,000	35,000	209,000
1925	187,000	36,000	223,000
1926	192,000	35,000	227,000
1927	181,000	35,000	216,000
1928	175,000	34,000	209,000

Compiled by the U. S. Division of Crop and Livestock Estimates cooperating with the State Department of Agriculture.

Data for the milk production study is gained from regular crop reporters who each month are asked the following questions relative to milk production on their farm on a specific day: (A) Number of cows milked on your farm yesterday. (B) Number of all milk cows, dry or in milk, in your herd yesterday. (C) Total production of milk by your herd yesterday, either in pounds or gallons.

While this monthly survey has been in operation but little over three years and much of its value will lie in comparisons that will be built up as the records increase, the results of the 1925 and 1926 reports will be of interest to reporters cooperating in this study and are, therefore, summarized as tentative figures, for such months as the data was found to be representative. It is expected that the representativeness of the data will increase, since reporters have shown considerable interest in this survey in number of returns made each month.

RESULT OF MILK PRODUCTION STUDY

MONTH		No. of Farms Reporting	Cows in Herd	Cows Milked	Production Pounds
Jan.	1927	337	2,730	1,545	28,140
	1926**				
	1925**				
Feb.	1927	313	2,188	1,222	23,117
	1926**				
	1925**				
Mar.	1927	221	1,626	859	15,895
	1926**				
	1925**				
Apr.	1927	250	1,846	1,062	20,419
	1926	294	2,356	1,392	26,872
	1925	263	1,903	1,050	19,022
May	1927	232	1,741	1,117	22,435
	1926	221	1,862	1,186	23,966
	1925	298	2,439	1,471	31,619
Je.	1927	287	1,984	1,356	31,442
	1926	271	2,267	1,473	32,411
	1925	250	1,829	1,183	25,449
Jly.	1927	237	1,833	1,278	30,800
	1926	265	2,014	1,413	32,356
	1925	257	2,221	1,541	31,236
Aug.	1927	251	1,773	1,227	28,296
	1926	225	2,013	1,391	28,401
	1925	300	2,303	1,540	30,354
Sept.	1927	267	2,045	1,393	31,164
	1926	250	2,002	1,399	26,938
	1925		1,943	1,168	20,582
Oct.	1927	276	2,132	1,279	24,593
	1926	270	1,981	1,281	21,506
	1925		2,110	2,132	21,561
Nov.	1927	273	2,111	1,419	27,123
	1926	332	1,687	1,020	15,995
	1925		1,962	1,049	18,809
Dec.	1927	289	2,028	1,167	20,996
	1926**				
	1925**				
TOTAL	1927	2,073	15,465	10,131	216,272
	1926	2,147	16,092	10,441	208,445
	1925	2,139	16,710	10,283	198,532
Average per head 1927		7.46		4.89	104.40
(For farm reporting) 1926		7.50		4.86	97.08
Aprli to Nov.) 1925		7.81		4.80	92.81
Average per day for cows milked (April to Nov.)					
	1927				21.30
	1926				19.96
	1925				19.30
Herd average 1927 (12 months)			7.43	4.62	94.2
Average per day for cows milked (Jan.-Dec.)					20.40

** Data for these months unavailable.

SHEEP

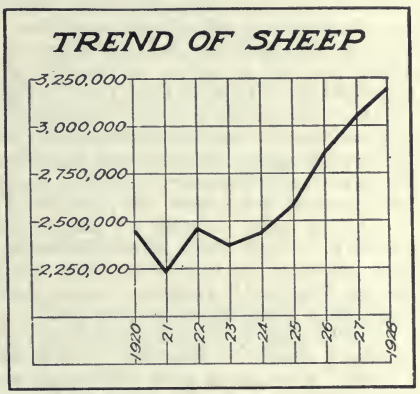
The importance of sheep to Montana's agriculture is indicated by the income that is derived from sheep and wool sales in the state. Cash value of sheep and sheep products in Montana in 1927 is estimated at $19,486,000 and at $14,590,000 in 1926. Only two other items of farm cash income in the state (wheat and cattle) exceeded that of sheep. In contrast with cattle, the inventory numbers on Montana farms on January 1, 1928, showed a definite increase over the previous year.

A marked tendency to restock sheep among established sheepmen and a demand for breeding stock from farmers who do not own sheep were noticed in the fall of 1927.

MONTANA SHEEP NUMBERS ON INCREASE

Sheep numbers have been increasing steadily in Montana since 1923 and with a population of 3,206,000 on January 1, 1928, are at their highest point since 1915. The peak of sheep numbers was reached in 1901, when 6,417,000 sheep were reported on farms and ranges in the state.

That Montana farmers and sheepmen are steadily increasing their flocks is shown in the accompanying classification of sheep on January 1. It is seen that the number of both old ewes and of ewe lambs kept for breeding on January 1, 1928, was the greatest in four years.



SHEEP ON MONTANA FARMS

	1925	1926	1927	1928
On feed for market	105,000	100,000	110,000	110,000
Ewes 1 yr. and over for breeding	1,880,000	2,079,000	2,208,000	2,344,000
Ewe lambs for breeding	526,000	627,000	662,000	677,000
Other lambs	10,000	10,000	12,000	11,000
Rams and wethers	58,000	64,000	61,000	64,000
TOTAL SHEEP	2,579,000	2,880,000	3,053,000	3,206,000

SHEEP OUTLOOK IN MONTANA

The principal factors affecting the immediate outlook are (1) A prospective 1928 lamb crop larger than in 1927 based on a 6.5 per cent increase in present (January 1) numbers of sheep compared with a year ago and assuming lambing conditions to be at least as favorable as last year. (2) A consumer demand for lamb during 1928-29 that is not likely to improve sufficiently to offset the prospective increase in production. (3) A favorable outlook for wool based on light present stocks in this country with a strong foreign market outlook for wool.

Taken by and large, and considering the importance of lamb prices from the standpoint of the Montana producer, the outlook for sheep and wool is not a bullish one. If the welfare of the Montana sheepmen in the future may be expected to vary with the welfare of the sheepmen of the country, as it has done in the past, then the conclusion that "the outlook" indicates the need of considerable caution in regard to further expansion of the production of "marked lambs," becomes as good advice for the Montana sheepman as it is intended to be for sheepmen generally.

Returning to the lamb production outlook, it is noted that despite the 1927 losses of Western lambs in the spring storms last year the total lamb crop held up close to that of 1926 due to the increased production of native lambs. Inspected slaughter of sheep and lambs during 1927 was fully as large as in 1926, while the number of sheep and lambs on feed on January 1, 1928 was about 450,000 head, or 10 per cent larger than a year ago. In the feeding situation last winter it was noted that the corn belt states, particularly those east of the Mississippi, fed fewer lambs while feeding increase came very largely as a result of the operations in northern Colorado and western Nebraska.

The 1928 crop of early California lambs is expected to be a record crop and under present conditions indicate a heavy movement to eastern markets in April and May. A spring movement of grass wethers and yearlings from Texas as large as or larger than 1927 is also indicated. All of which points to a supply of all sheep and lambs for slaughter during the first half of 1928 considerably larger than a year ago, and the largest for the period since 1914.

The size of the 1928 lamb crop will determine the supply of lambs for the last half of 1928 with the probabilities now favoring a larger supply than for this same period in 1927.

Yearly slaughter since 1924 has continued to steadily rise to a point in 1927 that was 7.5 per cent larger than in 1924, or an average yearly increase during the four year period of 1.9 per cent.

On the other hand, total sheep numbers have risen 9.1 per cent during this

same period. This means that the increased lamb production during the period 1924 to 1927 has been primarily for expansion of total sheep numbers.

Analysis of this situation shows that while sheepmen have added on an average of 1,130,000 to their total sheep numbers each year since 1924, they have added only an average of 294,000 head to the yearly inspected slaughter during this period. There is thus the likelihood that, if for any reason sheepmen should reverse the recent trend of production, the slaughter market will be immediately called upon to absorb a much larger total supply than the average of recent years. In fact slaughter market will be obliged to absorb at least the average increment to total sheep numbers that has been added each year since 1924 as soon as the point is reached where the present expansion curve in total numbers flattens out.

If the total number of sheep had remained stationary between Jan. 1, 1927 and Jan. 1, 1928 there would have been available for slaughter supply the difference between the two inventories minus the difference between the January number on feed both years or about 2,247,000 more sheep and lambs for slaughter than were slaughtered during 1927.

With this background we can consider the relatively large increase in sheep numbers again on January 1, 1928 when they were 6.5 per cent larger than Jan. 1, 1927. Compared with 1924 they were 16.5 per cent larger whereas, on Jan. 1, 1927 they were but 9.1 per cent larger than the 1924 base year.

The average annual increase from 1924 to 1928 was 1,540,000 whereas, the average annual increase up to 1927 had been 1,130,000 head.

It is on this trend of production that the national outlook report predicates its statement that "lamb production in this country is tending upward and approaching the peak of the cycle" and that "the outlook for the next few years indicates the need of considerable caution in regard to further expansion in production of lambs."

Montana is now in the second expansion period of her sheep industry. The first expansion saw a rapid and substantial increase in total numbers of from less than half a million head in 1880 to more than six million head between 1900 and 1906. Numbers held fairly well until 1910 and the next decade witnessed a sharp, steady decline until a low point of close to two million head in 1920. From 1920 to 1928 total numbers have increased to slightly over three million head.

For the United States as a whole, the trend of sheep numbers was irregularly upward from 1900 to 1909 and downward until the war expansion between 1915 and 1919. The low points during the whole period of 1900 to 1928 were in 1915 and 1922 with high points in 1909 and the present year 1928 and the high point of the war period in 1919.

Since 1900 the trend of average yearly lamb prices at Chicago have been about $5.90 per 100 pounds in 1900 to $16.60 per hundred pounds in 1918, and by 1921 they reached a low point of less than $10.00 in the present cycle.

It has been in response to improving prices from 1922 to 1925 that sheepmen have greatly increased their total holdings, carrying their increase strongly through 1926 and 1927 during which period prices have reacted somewhat from the high 1925 point.

Montana sheepmen in general have followed the main production trend of sheepmen of the country and if a peak in the production cycle, now being approached generally, is to be attended as in the past by price re-adjustments, Montana sheepmen should carefully consider the general situation in their production plans during the next few years.

SHEEP NUMBERS IN UNITED STATES

Sheep have also been increasing in numbers over the whole United States since 1922, but not at such a great rate as in Montana. Numbers in the United States are seen in the accompanying table with Montana numbers alongside for comparison.

SHEEP AND LAMBS IN THE UNITED STATES AND MONTANA
NUMBERS ON FARMS JANUARY 1ST.
(1920-1928)

YEAR	Montana	United States
1920	2,450,000	40,243,000
1921	2,230,000	38,690,000
1922	2,460,000	36,186,000
1923	2,370,000	36,212,000
1924	2,441,000	38,876,000
1925	2,579,000	38,112,000
1926	2,880,000	39,730,000
1927	3,053,000	41,846,000
1928	3,206,000	44,545,000

UNITED STATES WOOL PRODUCTION

The United States wool production in 1927 was the largest since 1923 and was also larger than the average production for the years 1909-1913. Production in 1927 was estimated at 272,543,000 pounds, in 1926 at 260,976,000 pounds, in 1925 at 253,907,000 pounds, 242,405,000 pounds in 1924, 224,330,000 pounds in 1923 and the average for the years 1909-1913 was 272,248,000 pounds. Increased production last year was due to increases in the numbers of sheep shorn more than offsetting the decrease in the average weight per fleece.

MONTANA WOOL PRODUCTION

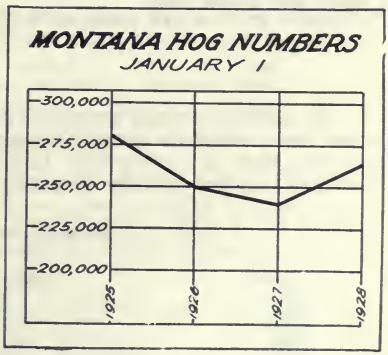
The Montana wool clip in 1927, estimated at 24,299,000 pounds, was the largest since 1916 and substantially larger than the clip of 1926 which was estimated at 23,320,000 pounds. It is estimated that 2,824,000 sheep were shorn at an average weight of 8.6 pounds per fleece to produce the 1927 wool clip.

MONTANA WOOL PRODUCTION
(1886-1927)

YEAR	Production (pounds)	YEAR	Production (pounds)
1886	5,031,000	1907	30,820,000
1887	5,283,000	1908	32,200,000
1888	Unknown	1909	35,000,000
1889	9,740,000	1910	33,600,000
1890	13,929,000	1911	34,875,000
1891	14,471,000	1912	31,175,000
1892	15,670,000	1913	31,500,000
1893	17,697,000	1914	30,177,000
1894	17,642,000	1915	26,950,000
1895	19,032,000	1916	24,570,000
1896	21,530,000	1917	23,342,000
1897	20,110,000	1918	18,685,000
1898	20,935,000	1919	18,267,000
1899	30,438,000	1920	16,000,000
1900	26,020,000	1921	16,400,000
1901	30,554,000	1922	16,770,000
1902	35,567,000	1923	17,775,000
1903	30,600,000	1924	19,314,000
1904	37,773,000	1925	20,967,000
1905	37,700,000	1926	23,320,000
1906	35,815,000	1927	24,299,000

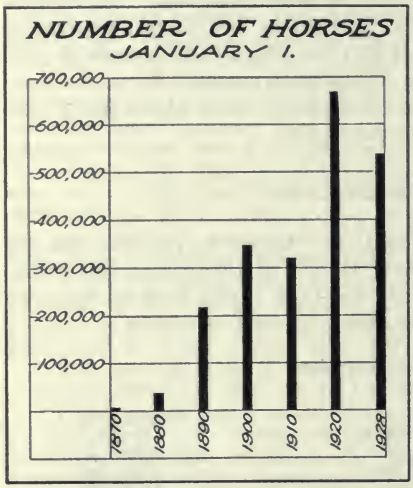
1927 HOG PRODUCTION SMALLER

Hog production in Montana decreased in 1927 although the end of the year witnessed some strengthening of inventories compared with the beginning of the year and December plans of breeders indicated some increase in production again for 1928.



In general hog raising in Montana has been increasing faster than state consumption of hogs during the past twenty years and exports have seemed to find a ready market in the north Pacific coast cities. Unfavorable corn crops during 1924, 1925 and 1926 appear to have curtailed production somewhat from the high peak of marketings reached during the calendar year of 1925. During 1926 and 1927 marketings declined, reaching a low point of about 109,000 head for 1927 compared with 166,000 head in 1926 and 225,000 head in 1925. Unfavorable spring farrowing conditions in 1927 also operated to curtail production.

HORSES



Horse numbers continued to decline in 1927 in Montana, a total of 536,000 horses being reported on Montana farms and ranges on January 1. 1928, compared with the 547,000 reported the previous year. Horse numbers in the state are now at the lowest ebb since 1916. At that time the horse population was on the increase and the total of 520,000 reported at the beginning of 1916 established a record to that time.

During the war there was a marked demand for Montana horses, but since then the demand has practically ceased. Growth of automobile and truck power and of motor power in farm machinery have tended to decrease the demand for horses further.

There are great numbers of wild horses on Montana ranges that have been declared nuisances to the state and are gradually being eliminated by both natural decrease in the winter seasons and slaughter for canning.

NUMBER OF HORSES IN MONTANA
JANUARY 1, 1870-1928

YEAR	Number (head)	YEAR	Number (head)	YEAR	Number (head)
1870	5,300*	1897	175,000	1913**	385,000
1880	36,000*	1898	172,000	1914**	440,000
1883	39,900	1899	165,000	1915**	485,000
1884	45,900	1900*	347,000	1916**	520,000
1885	105,000	1901	302,000	1917**	580,000
1886	120,700	1902	275,000	1918**	640,000
1887	129,000	1903	247,000	1919**	720,000
1888	187,000	1904	244,000	1920	669,000
1889	200,000	1905	237,000	1921	669,000
1890	216,000	1906	239,000	1922	650,000
1891	152,000	1907	292,000	1923	643,000
1892	197,000	1908	292,000	1924	611,000
1893	207,000	1909	304,000	1925	590,000
1894	197,000	1910	319,000	1926	576,000
1895	198,000	1911**	344,000	1927	547,000
1896	183,000	1912**	350,000	1928	536,000

* Based upon Census Data.
** Tentative revisions; all others are U. S. Department of Agriculture estimates.

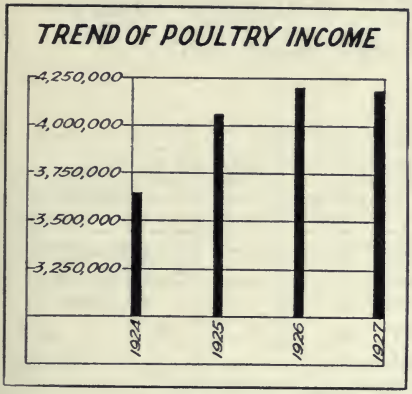
MULES

An estimated total number of 11,000 mules in Montana on January 1, 1928, is the same estimate as for the past four years. This total would allow for less than one mule for every four farms in the state. The trend in mule numbers in the state has been slowly upward.

NUMBER OF MULES IN MONTANA
JANUARY 1, 1870-1928

YEAR	Number	YEAR	Number
1870	500*	1910	5,000
1880	900*	1915	6,500**
1885	2,800	1920	9,000
1890	2,400	1925	11,000
1895	900	1926	11,000
1900	2,800*	1927	11,000
1905	3,400	1928	11,000

* Based on Census Data.
** Tentative revisions; all others are U. S. Department of Agriculture Estimates.



POULTRY

The estimated total income from poultry sources of $4,188,000 is a slight decrease from the estimated income in 1926 of $4,221,000, but is greater than the income for either 1924 or 1925.

Montana turkeys have proved profitable in many parts of the state and increased interest in turkey production is becoming evident.

ESTIMATED SALES OF POULTRY AND POULTRY PRODUCTS

YEAR	Chickens & Eggs	Other Poultry	Total
1924	$2,926,000	$718,000	$3,644,000
1925	3,240,000	819,000	4,059,000
1926	3,360,000	861,000	4,221,000
1927	3,334,000	854,000	4,188,000

EGG PRODUCTION STUDY

A study of egg production is made through monthly inquiries to reporters of the United States Division of Crop and Livestock Estimates. The following questions are asked: (A) Number of hens, including pullets of laying age, that were in your flock yesterday. (B) Number of eggs produced by your flock yesterday. Results of this survey for 1927, 1926 and 1925 are given here for the information of the reporters cooperating. Much of the value of such surveys will arise from comparison with past years and will develop with length of records.

1927 EGG PRODUCTION ON REPORTERS' FARMS WITH 1926 AND 1925 FOR COMPARISON

	No. of Farms			No. of Hens & Pullets in Flock*			No. of Eggs Produced			Per Cent of Whole Flock Producing		
Month	1927	1926	1925	1927	1926	1925	1927	1926	1925	1927	1926	1925
Jan.	355	477	495	22,691	33,565	27,105	2,805	5,768	3,110	12.4	17.2	11.5
Feb.	341			21,328			3,947			18.5		
Mar.	233			14,069			4,007			28.5		
Apr.	294	324	282	18,041	20,555	18,243	9,271	11,777	7,283	51.4	57.0	39.9
May	254	220	333	13,285	15,281	23,569	7,882	9,140	13,090	51.6	57.0	58.0
June.	299	285	271	15,336	15,646	16,405	8,154	7,998	8,875	53.2	51.1	53.7
July	261	280	276	12,399	15,079	16,480	5,605	6,642	7,532	45.2	44.0	45.7
Aug.	255	222	300	12,033	11,004	16,036	4,826	4,374	6,248	40.1	39.8	38.9
Sept.	232	245	262	11,734	12,622	11,645	4,775	5,180	4,532	40.7	41.0	38.9
Oct.	286	275	278	14,402	15,987	15,710	5,550	4,257	4,709	38.5	26.6	29.9
Nov.	275	229	262	15,490	12,750	14,580	3,234	2,275	1,956	20.9	17.8	13.4
Dec.	302	360	311	19,508	21,624	19,348	2,067	2,307	1,865	10.6	10.6	9.6
Avg. 10 Mo.	281.3	291.7	307.0	15,491.9	17,411.8	17,912.1	5,416.9	5,965.8	5,920.0	36.5	34.3	33.1
Avg. 1927 12 Mo.	338.7			19,031.6			6,212.3			41.2		

*Number of hens and pullets in flock of laying age on last day of preceding month.

BEES AND HONEY

Production of honey in 1927, from what facts are available is indicated to have fallen about 15 per cent below that of 1926. On the other hand a better organization of growers and of marketings resulted in better prices to producers.

YEAR	BEES		HONEY		WAX	
	No. Farms	No. Hives	Produced (pounds)	Value $	Produced (pounds)	Value $
1909	795	6,313	135,510	21,802	394	133
1919	1,199	11,918	630,608	157,656	7,682	2,614
1926 (est)*	1,800	37,000	3,150,000	302,000	23,000	9,000
1927	1,800	37,000	2,500,000	262,000	20,000	6,000

* Estimates based on records of state bee inspector which showed 19,202 colonies licensed in 1926, on 1300 farms.

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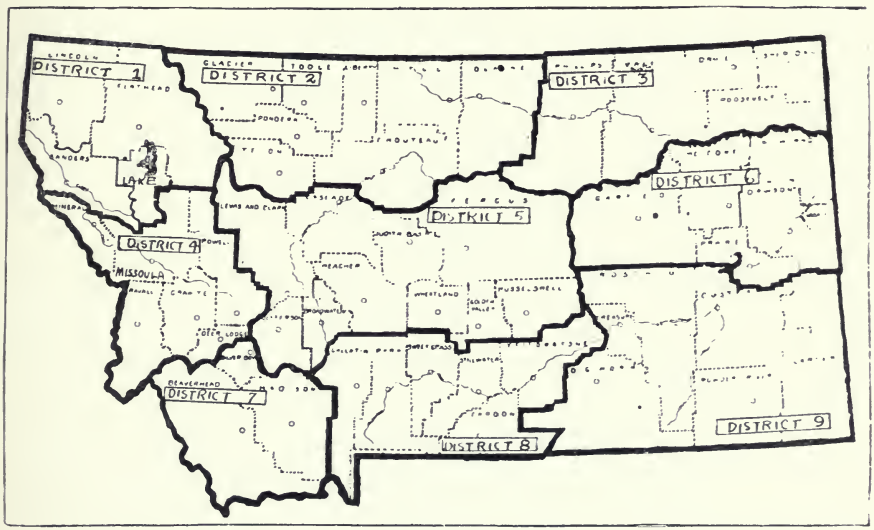
CROP WEIGHTS FOR MONTANA DISTRICTS

(Per Cent of Crops Produced in Each District)

	CROP DISTRICTS BY NUMBERS								
	I	II	III	IV	V	VI	VII	VIII	IX
ALL LAND IN FARMS	2.6	18.3	12.1	3.9	19.7	10.7	5.1	10.7	16.9
ALL CROPS	3.	17.	18.	3.	18.	14.	5.	12.	10.
CORN	1.	9.	20.	0.	12.	27.	0.	10.	21.
WINTER WHEAT	5.	15.	2.	1.	36.	5.	1.	23.	12.
SPRING WHEAT	2.	26.	26.	1.	16.	15.	0.	8.	6.
ALL WHEAT	3.	24.	22.	0.	20.	13.	0.	11.	7.
OATS	3.	12.	21.	3.	16.	20.	2.	12.	11.
BARLEY	7.	18.	10.	5.	16.	10.	2.	20.	12.
RYE	1.	42.	24.	2.	7.	8.	0.	4.	12.
FLAX	0.	5.	42.	0.	1.	42.	0.	1.	9.
HAY, ALL TAME	6.	8.	5.	11.	23.	8.	8.	20.	11.
HAY, WILD	1.	13.	13.	6.	14.	8.	27.	2.	16.
HAY, ALFALFA	5.	7.	3.	6.	23.	4.	11.	26.	15.
BEANS, DRY	0.	3.	3.	0.	4.	12.	0.	62.	16.
SEED PEAS	0.	0.	0.	8.	6.	1.	6.	70.	0.
ALFALFA SEED	5.	0.	16.	0.	1.	18.	0.	1.	59.
POTATOES	15.	11.	8.	14.	20.	10.	4.	10.	8.
APPLES (TREES)	32.	0.	1.	47.	2.	1.	0.	15.	2.
SUGAR BEETS	0.	10.	2.	0.	1.	15.	0.	58.	14.

MONTANA CROP REPORTING DISTRICTS



To facilitate tabulation and analysis of data in crop reporting work, counties with generally similar farming conditions are grouped into districts as shown above. In most county tables herein, grouping has been on this plan, instead of alphabetically.